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STEELE, BRIGGS'

CATALOGUE

46TH
1919
YEAR



PEAS
STRATAGEM

BEET
CRIMSON GLOBE

TOMATO
EARLIANA

BEANS
GOLDEN WAX

ONION
GLOBE DANVERS

CARROT
CHANTENAY

STEELE, BRIGGS
SEED CO.,
LIMITED

HAMILTON
TORONTO
WINNIPEG

SEASON
1919

"Canada's Greatest Seed House"

SEASON
1919

Steele, Briggs' Seed Co's

CATALOGUE OF SEEDS, PLANTS, BULBS, SHRUBS, Etc.

To Our Customers and Friends

Conditions Remain Unchanged Regarding the Scarcity of Seed Supplies

Despite the fact that the war is practically over, and that general conditions are gradually returning to normal, the shortage of seeds, of nearly every kind, still continues and is likely to continue for a while. Since many of the choicest varieties of Vegetable, Farm and Flower seeds are produced in European countries, the outlook for deliveries for the season of 1919 is still very uncertain. Therefore, it behooves the grower to forward his order early that he make the best of an unusual situation.

One thing is sure: we are not going to risk our reputation of 46 years by sending our customers untried or inferior seeds. With our present stocks and our many sources of supply, we believe, we are in a better position than ever to take care of all ordinary requirements. The seeds we send out will be good. They will have been tried and tested for germination, and will be in keeping with the unblemished reputation which Steele, Briggs' Seeds have always enjoyed for quality and results. **You will find it to your advantage to order early.**

PRICES The prices quoted herein are based on values at the time this Catalogue goes to print. We expect to fill all orders at these prices, we cannot however guarantee to do so. All offers in this Catalogue are "conditional that we have the stocks, and prices are subject to change without notice." We also reserve the right to limit orders in respect to quantity.

Conditions of Sale We trust that our customers will fully realize that it is to our interest to send them none but the very best quality of seeds; but we give no warranty, express or implied, as to description, growth, purity, productiveness or any other matter connected with any seeds, bulbs, plants, shrubs, etc., we send out, and will not in any way be responsible for the crop. All seeds and other goods are supplied only on these conditions. Garden Seeds quoted postage not paid, Farm Seeds, Tools, etc., are ex-warehouse, Toronto or Hamilton, purchaser to pay transportation charges.

We Deliver Free in Canada by Parcel Post or Express at our option all Bulbs, Seeds, etc., at prices quoted herein, except where noted. Postage to Newfoundland is 12c per lb. or fraction thereof.

By Express or Freight Where prices in this Catalogue are quoted "By Express or Freight," customers pay these charges at their end.

Cash With Order It is necessary that each order be accompanied with the cash. We send no goods C.O.D. (collect on delivery), nor do we give credit. Send cash with order, it saves much confusion and delay.

Correction of Errors We take the utmost care in filling orders, always striving to please our customers. Keep a copy of the order and "check off" the items when received, that you may know everything has been sent you. We seldom make errors, but when they happen we wish to be notified immediately, that correction may be made.

Sending Plants All orders for plants and bulbs which are liable to damage from frost, will be held till about the 1st of April, when we begin shipping, and continue as fast as the weather will permit until all are sent out; should the seeds be sent and not the plants and bulbs, do not be impatient, as they are held for your protection against loss and will be forwarded when the weather permits.

Be sure and write your name, post office and express office plainly.

Every season we get a number of orders without the name of sender or post office, and the post mark on envelope is often too obscure to be made out. Should parcels by mail not arrive safely, or shipments by express or freight reach you in an unsatisfactory condition, please write us promptly, stating where the trouble lies, when we will look into the matter fully.

Our Facilities and Equipment No seed house on the Continent has better equipment and facilities, with each department of the business backed by expert knowledge and thorough experience. We know the trade through and through in regard to its needs, and stop at no pains or expense to ensure the very best seeds obtainable. Having the right goods at the right prices is not a coincidence here, but a matter of careful planning, and the precise ability to know "what's what" in making selections.

Safe Arrival If seeds, plants, etc., are not received in a reasonable time after ordering, send in exact copy of order, giving date sent, amount of remittance, stating if remitted by money order, cheque or draft. We can then investigate the delay immediately.

Steele, Briggs Seed Company Limited

HEAD OFFICE

HAMILTON, ONT.

TORONTO, ONT.

WINNIPEG, MAN.

STEELE, BRIGGS SEED COMPANY
LIMITED
TORONTO AND HAMILTON

Name ^(Write Plain)
 Post Office ^(Write Plain)
 Station or Express Office
 County Province
 Date Send order per ^{Mail} Express ^{Regist}

Cash	\$.....
P.O. Order	\$.....
Draft	\$.....
Stamps	\$.....
Amount	\$.....

No. of Pkgs.....
Forw'd by.....
Date Sent.....
Cost of Car'ge.....
Put up by.....
Advised by.....

MARK X OPPOSITE YOUR OCCUPATION

AMATEUR.....
MKT. GARDENER.....
FARMER.....
FLORIST.....

Every order must be accompanied by remittance, either with Registered Letter, Draft or Post Office Money Order, and for full amount covering the order, otherwise the value of remittance only will be sent, by reducing quantity ordered.

The S. B. Co. "gives no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds, Bulbs or Plants they supply, and will not be in any way responsible for the crop."

All seeds and other goods ordered and purchased from them are supplied only on these conditions.

VEGETABLE SEEDS AND SUNDRIES

When ordering Flower Seeds you need only give the number of packets wanted and the number in Catalogue corresponding to the variety and price per packet, which will save the writing of long and difficult names.

Prices in Catalogue include postage, except where noted. Perishable goods will be sent soon as danger from frost is past. Write names plainly. Please order Roses, Plants, Vines, etc., before 1st of May, on special order sheet attached: they cannot usually be sent safely after that time.

[illegible]

NOTE—Use this order form ONLY for Bulbs, Plants, Shrubs, Vines and Fruits.

STEELE, BRIGGS SEED COMPANY
LIMITED
TORONTO AND HAMILTON

Name ^(Write Plain)
Post Office ^(Write Plain)
Station or Express Office ^(Is Express Office Convenient? Yes or No.)
County Province
Date Send per ^{Mail} Express Amount Enclosed.

No. of Pkgs.....
Forw'd by.....
Date Sent.....
Cost of Car'ge.....
P'kd by.....
Ch'kd by.....
Advised by.....

VEGETABLE AND FIELD SEEDS, SEED GRAINS, ETC.

Please note that we pay postage at packet and ounce prices on all Vegetable and Flower Seeds. For larger quantities please add, for $\frac{1}{2}$ lb. 5c.; $\frac{3}{4}$ lb. 10c.; lb., 12c. and for each additional lb. 8c. per lb. Any orders for such, or for Field Root Seeds, and Farm Seeds, must have eight cents per pound remitted for payment of postage over the one lb. price.

All Seed Grains, Clover, Timothy, and any Seeds sold at bushel, peck or hundred pound rates, are quoted Ex Warehouse, Toronto and Hamilton, the purchaser must pay carriage on delivery of goods.

FOR REMARKS

SPECIAL NOTICE.—We shall appreciate it as a special favor if our friends and customers will write in the blank below the names of some of their acquaintances who will be in need of Seeds.

ORDER FOR BULBS, ROSES, VINES, SHRUBS AND PLANTS

FOR REMARKS

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Specialties of Merit

American Beauty Aster

525 We have pleasure in offering this new superb Aster, to our customers and friends for it is without question a very valuable variety. It is similar in type to flower and growth of the well known late Branching Aster, but it differs in that the blossoms are produced on much longer and heavier stems. It is the first of new strain of late branching type and of very robust habit. Plants average 2 to 2½ ft. in height, according to soil and location. The flowers are usually from 4 to 5 inches in diameter and are borne on heavy stems, which may be cut from 18 inches to 2 ft. in length. Flowers are fully double, of a lovely shade of bright carmine rose, almost identical with the world famous American Beauty Rose, for that reason it has been given the name of "American Beauty" Aster. Each plant forms a perfect bush. American Beauty should be in every flower garden. No Aster bed is complete without it. Price per pkt. 15c.



NEW AMERICAN BEAUTY ASTER

Aster Mammoth Non-Lateral, Branching

This is without doubt the largest Aster on the market. Many of the flowers will measure four inches in diameter. The plants grow about two feet high with a low branching habit, and the flowers which are borne on non-lateral stems are full, with petals curled and incurved, making the flowers appear like a cross between an Ostrich Feather and a Giant Branching. Very similar to Semples but more curled and larger flowers, which has a very pleasing effect. 526 Non-Lateral Branching, white, 15c; 527 Non-Lateral Branching, blue, 15c.



NON-LATERAL ASTER

Giant Antirrhinums, or Snapdragons

528 Within the past few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed.

"Silver Pink" Snapdragons. This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting; for florist use it forces well for winter and early spring use. Pkt. 15c.



ALYSSUM, "LILAC QUEEN"

Alyssum "Lilac Queen"

530 We offered this a few years ago, but dropped it from our list as we did not think the color was deep enough to form a contrast with the popular white sorts. By careful selection it has been greatly improved, and the stock we now offer has been saved from plants that were a deep lavender-lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit, and with all the free and long blooming merits of the regular Sweet Alyssum. Pkt. 15c.

Superb Giant Double Zinnias

529 A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn. Pkt. 15c.

We deliver Free all Seeds, Bulbs and Plants at prices quoted in this Catalog, except where noted.

BURBANK'S NEW SWEET SCABIOUS

531 The "Sweet Scabious" or "Mourning Bride" of old gardens, but much improved in size, colors and doubleness. Many of the flowers measure 6 to 7 inches in circumference, are double clear to the centre, and have long stems. They are very free bloomers; very effective for garden decoration; standing a long time in water, a very valuable table decoration. Hardy annuals. Height, 1½ to 2 ft. (See Cut.) Per Pkt. 15c.

FREESIA REFRACTA

New Hybrids

532 The singular form and delicious perfume of this flower have made it a great favourite for conservatory decoration and for cutting. Yields a profusion of bloom and can be successfully flowered within six months from date of sowing. (ILLUSTRATED).

These varieties come very satisfactorily from seed. The shades range from yellow to bronze, bronzy-pink, and deep rose, making delightful coloring. The plants are as vigorous as the older varieties, and bloom with the same precocity. Pkt. 25c.

CARDINAL CLIMBER

(IPOMEA QUAMOCLIT HYBRIDA)

533 This glorious and absolutely distinct New Annual Climber originated with Mr. Logan Slotter, of Ohio, as the result of a cross between Ipomoea Quamoclit, the Cyprus Vine, and Ipomoea Coccinea, the Star Glory. We consider it the most beautiful and brilliant

annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from midsummer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blossoms each, and wherever it has been grown during the past three seasons it has attracted more attention and favorable comment than any other plant in the garden, Pkt. 15c.



CARDINAL CLIMBER

ESCHSCHOLTZIA VESUVIUS or "Fire Flame"

534 "The CRIMSON Eschscholtzia Californica, produced, before it was fixed, a UNIQUE SPORT of most unusual color. This was so strikingly brilliant and wholly unique that the plant was divided, reset, and the seed saved with unusual care; three years later the new strain had become very well fixed, and is now first offered."



NEW HYBRID FREESIAS

The plants of this new strain grow compact, generally upright, produce flowers in the utmost profusion throughout the season which are wonderful in color, being a rare combination of lemon-yellow and rosy crimson, not in stripes, but in a perfect BLEND, which has very aptly suggested the name of "FIRE FLAME," which in two words describes the color combination which would otherwise take a paragraph. Nothing as beautiful in this shade has before been seen among the Eschscholtzias. Pkt. 15c.

The plants of this new strain grow compact, generally upright, produce flowers in the utmost profusion throughout the season which are wonderful in color, being a rare combination of lemon-yellow and rosy crimson, not in stripes, but in a perfect BLEND, which has very aptly suggested the name of "FIRE FLAME," which in two words describes the color combination which would otherwise take a paragraph. Nothing as beautiful in this shade has before been seen among the Eschscholtzias. Pkt. 15c.

NEW GODETIA "GLORIOSA"

535 This very free flowing variety is a great acquisition to this class of hardy annuals, and for summer bedding has few equals, bearing large heads of cup shaped flowers for a long period. When cut the sprays retain their beauty for some days in water. It is a very showy variety with large satiny, brilliant deep blood-red flowers. It is without doubt the darkest colored of all Godetias, and produces a gorgeous effect by the wonderful brilliancy of its flowers. This variety received an Award of Merit from the R. H. S. Pkt. 15c.

NEW HYBRID ICELAND POPPIES

536 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season, will be found much finer than heretofore, containing a great number of lovely new shades of color and delicate tints, far surpassing the old Iceland Poppies, and the flowers somewhat larger, the petals being very prettily frilled, Pkt. 25c.

SPECIALTIES OF MERIT

CHINESE WOOLFLOWER (*CELOSIA* CHILDSII)

537 Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way until frost; but all continue to expand and glow with a deepening richness of color, a dark crimson-scarlet. Pkt. 15c.

NEMESIA STRUMOSA SUTTONI

538 These new English Hybrids have attained the highest development in this favorite class of annuals, so popular for bedding and pot culture. The plants grow 6 to 8 inches high, in round bush form, and bear continuously during the summer myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. **Mixed Colors.** Pkt. 15c.

HARDY LUPINES (*Lupinus Polyphyllus*) Hybridus.

539 These are the result of many years of careful crossing and selecting by a celebrated English Specialist, and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England. Pkt. 15c.

NEW HYBRID DELPHINIUMS (Hardy Larkspurs)

540 The magnificent Hybrid Hardy Larkspurs represent the finest varieties of a famous English collection; and although you cannot depend upon them coming strictly true to name, yet you may rely upon getting flowers of largest size and equal to the varieties from which the seed has been saved. Pkt. 15c.



NEW CHINESE WOOLFLOWER

AQUILEGIA or COLUMBINE

NEWEST LONG-SPURRED VARIETIES

Hardy garden perennials, luxuriating in the moister situation where they form permanent clumps, growing from 1½ to 3 feet high.

541 **Selected Canadian Grown Seed.** The plants are extremely robust with large, handsome foliage; the flower stems, often 40 inches in height, carry magnificent clusters of immense long-spurred, single flowers which last a long time in bloom. The colors are superb and varied, including rich shades as well as many new and delicate tints; pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, cerise, purple, rose and white, salmon, lavender, mauve, etc. etc. The unique, long-spurred flowers are gracefully hung on long stems, are brilliantly effective on the plant, or when cut for vase and house decoration. Pkt. 20c.

COSMOS

NEW RACE OF DOUBLE-CROWNED AND CRESTED

We consider this one of the best flower novelties of the year—an entirely new race of Cosmos. The plants are similar in habit to our famous strain of **early-flowering Cosmos**, and a fair percentage have double crowns, which give the flower a very dainty and exquisite appearance. The colors are pure white and a delightful shade of shell-pink. A large percentage come true from seed, both as to color and doubleness. The single which the strain produces are also very beautiful.

542 **Cosmos, Double Pink Beauty** Pkt. 15c.
543 **—Double White Queen** Pkt. 15c.

RUDBECKIA (Cone Flower)

Bicolor Superba or Golden Sunset.

544 Fine free flowering annual variety forming a dense bush and producing in great abundance on long stems, its bright flowers. The disk is brown, the florets golden yellow, with large variety brown spots at the base. Very effective and useful for cutting. Pkt. 10c.

SAPONARIA OCYMOIDES

545 Hardy Perennial. Pretty dwarf bedding plant for borders or for rockwork producing great masses of rosy red flowers. Should be cultivated for its beauty and long blooming. Height 6 inches. Pkt. 10c.



NEW DOUBLE COSMOS

Free with every order: Steele, Briggs' Amateur Gardeners' Guide, Pointers on How to Grow Vegetables and Flowers from Seeds. Hints on Lawn Making, care of Roses, Gladiolus and Begonias, Construction and Care of Hot-beds, Insect Remedies, etc.



NEW ELDORADO POPPY

NEW PETUNIA

550 Improved Rosy Morn. The plants are bushy and compact, the medium sized flowers, produced in great abundance throughout the entire summer and fall, are of a most pleasing clear pink, contrasted by a broad white throat. A splendid sort for porch boxes, pots and beds. 12 in. Pkt. 25c.

DWARF NASTURTIUM—DAVID BURPEE

551 The foliage is so unlike any other type, and at the same time so charming and unique, that it attracts admiration wherever seen. The plant makes a symmetrical bush of perfectly round formation, attaining a height of from nine to twelve inches and twelve to eighteen inches in diameter—the beauty of which is much enhanced by the *very peculiar waved emerald-green leaves*. The flowers are bright crimson-red, with richer suffusions and markings, in contrast to a bright yellow calyx. Pkt. 10c, oz. 40c.

Set of Seven

NEWEST GLADIOLUS

FOR \$1.50, POSTPAID.

All-a-Glow Large, rich, blood-scarlet flowers, having a long narrow throat flame of ruby on two lower petals. A free bloomer and a showy, bedder. 25c, each; \$2.50 per doz., postpaid.

Dawn The most beautiful coral pink Gladiolus ever offered. A long graceful spike of magnificently formed flowers, all open at one time. The keeping qualities of this variety surpass anything we know of. Its color and texture make it indispensable as a cut flower and for bedding. Each 25c, doz. \$2.50, postpaid.

Lily Lehman No white Gladiolus equals this variety, a lily in both name and form of a pure glistening white with just a tinting of pink on tips of petals, matchless in form and coloring. Each 25c, doz. \$2.50, postpaid.

Mrs. Frank Pendleton All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. Each 30c, doz. \$3.00, postpaid.

Mrs. G. W. Moulton A beautiful red flower of the dark, rich tone of the American Beauty Rose, splashed with a darker tone on the interior petals, which also bear delicate tracings of white. The spike is tall and straight, the leaves large and firm and with its large, graceful and richly colored flowers it makes an especially attractive plant for garden effect. Excellent for cutting. Each 20c, doz. \$2.00, postpaid.

Schwaben A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat. Each 25c, doz. \$2.50, postpaid.

War The best red Gladiolus in existence; deep blood-red, shading to crimson-black, without any distinct markings. Flower-spike straight, and often 6 feet tall. Blooms at same time as Peace, with which it should stand, because of the intense contrast. Each 25c, doz. \$2.50, postpaid.

For General List of Gladiolus see Pages 73 and 74.

Specialties of Merit

NEW ELDORADO POPPY

546 This Poppy comes from one of our Californian growers, who has spent several years in perfecting this type, by rouging and selection. It is totally distinct and will prove one of the finest novelties in the line of annuals introduced in some years. The flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange-scarlet, pink, rose and white, without any dark markings whatever. The substance of the petals in some of the lighter shades is as delicate as China silk. Those who had the privilege of seeing this dainty flower in bloom last Summer and compared it with the Shirley and Ranunculus-flowered types, of which it is a cross, were charmed by its beauty of form and color. Pkt. 25c.

547 Poppy Eldorado, Salmon Shades. 2 ft. The introducer made a selection of these most popular shades and these will especially appeal to those admiring pastel shades in flowers. Pkt. 25c.

DUNLOP'S HYBRID DOUBLE POPPIES

548 These charming Double Poppies are a selection of varieties, hybridized and crossed by Mr. N. S. Dunlop, late of the Canadian Pacific Railway Co.'s Floral Department, who has made a special study of Poppies for years. It embraces an almost endless variety of colors and shades, including white, pink, salmon, terra cotta, chamois rosy carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with tints of white and pink. Pkt. 15c.

CANDYTUFT LARGE FLOWERING HYBRIDS

549 Popular dwarf annuals, flowering profusely throughout the whole season; great favorites for beds, edging, pots and borders; the plants are very fairly covered with blossoms, and of the easiest culture. The florets, as well as the umbels of bloom, are double the size of the old varieties. Several new and exquisite shades and colors are included; they form bushy little plants only 6 to 8 inches high; splendid for beds or edgings. Pkt. 10c.



MRS. G. W. MOULTON

We deliver free, all Seeds, Bulbs and Plants at prices quoted, except where noted.

NEW TOMATO JOHN BAER

A remarkable extra early scarlet fruited variety of superior merit. Although its first pickings are not equal to those of Earliana, the later pickings of John Baer show that it averages the largest of the extra early sorts, as well as being most attractive in color. Not only is this one of the very earliest to ripen its first fruits, but it continues to furnish marketable fruits much longer than other early varieties. The vines are hardy, exceptionally vigorous, and show less tendency to blight than other varieties of this class. An invaluable variety for market gardeners, and the best extra early shipping sort. Also recommended as a most desirable early variety for canners. Per pkt. 10c, oz. 75c, $\frac{1}{4}$ lb. \$2.50.

LIVINGSTON'S GLOBE TOMATO

This new Globe or Ball Shaped Tomato is ideal for the home garden; it is excellent for slicing without waste, one slice like another. The rich juicy, meaty, Tomato flavor gives a certain zest and joy in the eating. The vines ripen the first fruits with the second earlies, they yield a heavy crop and continue to bear until frost. The skin is glossy, smooth and a lovely red, the flesh is firm and has few seeds. We offer a carefully re-selected strain. Per pkt. 10c, oz. 75c, $\frac{1}{4}$ lb. \$2.50.



JOHN BAER TOMATO

CHINESE CABBAGE PE-TSAI

Improved Chinese Cabbage. It is very easily grown and does well in nearly all parts of the country. It should be grown like a late Cabbage, planting in July, as early plantings run quickly to seed. The seed is sown in drills 16 to 20 inches apart and the seedlings trimmed two or three times. We offer the true Pe-Tsai or Chinese Cabbage, which has been known and cultivated in China for many years. While practically unknown in the Eastern markets, the Chinese gardeners of the Pacific coast have successfully cultivated it for years. Pe-Tsai produces beautiful crisp, celery-like heads that blanch easily and that resemble a giant Cos Lettuce. As a salad it rivals the finest lettuce, while cooked like cabbage or spinach it makes delightful "greens." Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$1.75, postpaid.



NEW CHINESE CABBAGE "PE-TSAI"

EASY BLANCHING CELERY

A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second early variety, as it is ready for use to follow *Paris Golden Self-Blanching*. Due to the solidity of the stalks it is a first-rate keeper, and may therefore be grown for winter and spring use. The flavor is first class, while the stalks are pure white, heavy and crisp. Pkt. 10c, oz. 80c, $\frac{1}{4}$ lb. \$2.50

POTATO, "EARLY TRIUMPH"

The heaviest yielding extra early potato known. A fine extra early of excellent quality.

This variety was introduced many years ago. It attained at that time no particular favor, but all of a sudden its virtues became appreciated and the demand for it was so great that it sold readily in carload lots for three times the price of ordinary seed potatoes. There is good reason why the **Triumph** should be popular. It is several days earlier than the Ohio, and that often means a difference of many dollars in a crop. We believe that many potato growers will do well to plant liberally of them the coming spring, as there is sure to be an almost unlimited demand for the seed. Many acres are grown each year for the early market. The potato is of good size. Skin and flesh is very white and firm.

It is productive, and for several years to come will probably command a higher price among potato buyers than any other. Price per peck 75c, bushel \$2.50, bag \$3.50. Stock limited. Express or freight, purchaser's expense.

Cucumber Fordhook Famous

The largest, most handsome cucumber—the most fleshy and finest in flavor of the **White Spine Type**! The vines are of strong, vigorous growth with healthy foliage and set the extra long fruits freely throughout the season. The cucumbers are uniformly smooth and regular in form, averaging twelve to fourteen inches in length; the skin is thin and tender, bright green in color, and never turns yellow even in fully matured fruits. The flesh is thick (the fruits being from two to three inches in diameter with very few seeds), crisp, and *exceptionally mild in flavor*. Under high cultivation the cucumbers have attained a length of eighteen inches, and a weight over six pounds. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.



"EARLY TRIUMPH" POTATO.

NEW SPRING WHEAT

DR. SAUNDERS' EARLY RED FIFE

Selected and Developed by Dr. C. E. Saunders, Dominion Cerealists.

BREEDING There have been strains of Early Red Fife offered in the past but this strain of Prof. Saunders is different entirely. It is the result of scientific principles applied by one of the leading cereal breeders of the world. Several years ago Prof. Saunders made the selection of a single plant of Red Fife, having a tendency to earliness. From the product of this plant, by isolation and selection through a term of years, he succeeded in improving and fixing a type which possesses inherent distinct individuality and reproduces itself with reliable uniformity. The head of Early Red Fife is somewhat different from the ordinary Red Fife in that it is not so pointed at the top, but rounder and fuller. The Kernels of same shape as the old Red Fife but larger. The quality is identical. The most marked difference is in the period of maturity, the Early Red Fife being from a week to ten days ahead of Ordinary Red Fife.

QUALITY—THE STANDARD UNIMPEACHABLE RED FIFE.

We understand millers now claim that Red Fife yields a larger proportion of flour than Marquis.

EARLY AS MARQUIS

YIELD With the test of time, Marquis wheat remains a splendid variety for summer-fallow on heavy land, but on old and lighter soils, fall or spring plowing and stubble cultivation this strain of Early Red Fife is to be preferred, producing a better sample and higher yield. It is also easy to thresh, whereas Marquis is difficult to make a good, clean job.

It is the general average of results that marks the road to success in any line of business, by which standard Dr. Saunders' Early Red Fife is second to none. Our stock is the true strain, as grown from the original seed which we procured direct through Dr. Saunders.

ORDER EARLY—SUPPLY LIMITED. Price: Bushel \$5.00, 10 bushels \$47.50.
Finest quality of cotton bags additional 65c each.

"KITCHENER" WHEAT (New)

Single plant selected from a field of Marquis in 1911 by Seager Wheeler, Rosethorn, Sask., isolated and developed by him in succeeding seasons. A distinct sort; heavy stooling; length of straw about equal to Red Fife; straw very strong—without doubt the strongest strawed Wheat grown in Canada today; head very upright, solid and compact with a heavy tip; grains are large—larger than Marquis, Fife or Preston Wheat; color of grain red, slightly lighter in color than Marquis. In yield Kitchener has no equal. Under every varying condition of the seasons since 1911 it gave a better sample and larger yield than other varieties under similar conditions. The yield has been at the rate of 50, 63 and 80 bushels per acre, and a splendid sample.

PROF. ZAVITZ SAYS: "In connection with our plant breeding work, we grew Marquis, the Kitchener, and the Bobs varieties in 1918. Of these three the Kitchener gave the highest and the Bobs the lowest, the Marquis occupying the central position in yield of grain. We cannot, of course, put much stress on one year's work. It has, however, given splendid results in the West.

Supply limited. Per bus. \$5.50. New cotton bags 65c each extra.

SPRAY YOUR FRUIT TREES—IT WILL PAY.

SHERWIN-WILLIAMS' DRY LIME SULFUR

CONTAINING OTHER COMPOUNDS

For many years growers have been using liquid Lime Sulfur Solution. They are thoroughly familiar with its use, and the results it will accomplish, and there is no question whatever regarding its efficiency as a spraying material. It is a conceded fact that the use of Liquid Sulphur Solution carries with it many disadvantages. For instance: its weight; it is very disagreeable to handle; there is considerable waste when using it, and it cannot be carried over safely on account of leakage and danger of freezing, etc. Up to this time insecticide manufacturers have never been successful in their efforts to produce ACTUAL dry powdered Lime Sulfur Solution. There have been dry substitutes for Lime Sulphur Solution, but never a dry powdered material which would accomplish the same results as the liquid Lime Sulphur Solution. After some years of research work, chemists have developed the only actual Dry Lime Sulfur on the market. It is not a substitute for Lime Sulfur Solution, but is the actual material in dry powdered form. In the process of manufacturing Sherwin-Williams' Dry Lime Sulfur, we must first make up the liquid Lime Sulfur Solution, meeting Government requirements, then by our own special process the water is evaporated, leaving the Dry Lime-Sulfur in concentrated form, requiring only the addition of water to produce a spray possessing all the well known virtues of the Lime Sulfur Solution. It is safe, therefore, for us to claim that our material is not a substitute for Lime Sulphur Solution, but an actual Lime Sulphur in dry powdered form which possesses all the advantages of Lime Sulphur Solution with none of its disadvantages. Dry Lime Sulfur is very simple to use. It goes into solution in water almost instantly and spraying operations can be started immediately. It is simply a case of dumping the desired amount of powder in the spray tank, filling the tank with water and spraying operations start.

WHERE TO USE DRY LIME SULFUR. The uses for Dry Lime-Sulfur are varied, but the grower will find it particularly effective in the control of the following, San Jose Scale, Oyster Shell Bark Louse, Scale Insects, Fungus Diseases, such as Peach Leaf Curl, Apple Canker, Apple Scab, Brown Rot of Peach or Plum, Blister Mite, etc. Remember Dry Lime-Sulfur can be employed for the same work for which you have been using Lime Sulphur Solution. Price, 1 lb. 40c, postpaid 55c; 5 lbs. \$1.75, postpaid \$2.50; (10 lbs. \$3.00, by express at purchaser's expense). Special prices for larger lots.



Head of Early Red Fife from a photograph kindly sent to Steele, Briggs by Dr. C. E. Saunders, the breeder of this variety.

See Page 44 for Marquis and other Spring Wheats.

Grand Championship
**Prize
Collection**

GROWN FROM
Steele, Briggs'
Selected **Garden
Seeds**



Photo of "War Garden" Prize Collection and Grand Championship Cup, won by Chas. Honeyman at Toronto Armouries, in September, 1918. Mr. Honeyman has used Steele, Briggs' Seeds for 12 years, and is the winner of numerous Prizes in amateur classes in Toronto.

WE make it our constant aim to supply seeds of the **Highest Standard of Excellence** a first consideration, and next, to make prices as low as such quality of seeds can be sold. Every variety is tested at our own grounds each year, and by careful comparison with stocks obtained from other sources, we know that better seeds than we sell cannot be procured from any source. By these comparative trials we learn the merits and demerits of every known vegetable, and by leaving from our list varieties of doubtful merit we save our customers disappointment and loss.

SEEDS CARRIAGE PREPAID Please bear in mind that prices in the following list include **prepayment** by us to any post office or express office (our option which) in Canada for all Vegetable and Flower seeds offered.

MARKET GARDENERS who require large quantities of seed are invited to write for our special Gardener's List. It will only be sent to those who grow for market, and require seeds in quantity. In writing please state whether a Market Gardener or Florist.

ARTICHOKE (Globe)

FRENCH, ARTICHAUT; ITALIAN, ARTICOCOA.

Sow in April in rich soil, transplant the following spring to permanent beds (in rows and hills) 3 feet apart, and 2 feet between plants. They only give a partial crop the first season, but the beds remain in bearing for years. Protect in winter by leaves of coarse manure.

Artichoke, Large Purple Globe. Grown for the unripe flower heads, which are highly esteemed by epicures. Pkt. 10c, oz. \$1.20.

—Jerusalem. Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only the rows should be at least 4 feet apart when grown in strong soils. Used in feeding sheep and hogs. Strong tubers (lb. 30c, postpaid); peck 75c, bushel \$2.50, by express at purchaser's expense.

ASPARAGUS

FRENCH, ASPERGE
ITALIAN, SPARAGIO

Sow one ounce to 60 feet of drill. Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds which should be well and deeply manured and trenched to a depth of 2 feet. Set the plants (in rows) from 3 to 4 ft. apart, and 2 ft. in rows, spreading out the roots, covering from 6 to 8 inches.

Asparagus Palmetto. A choice early variety, producing white stalks of large size and finest quality. Pkt. 10c, oz. 20c, ¼ lb. 50c, prepaid. Strong two-year-old roots, by express at purchaser's expense, \$1.75 per 100. Carriage paid, \$2.35.

—Colossal Standard variety, very productive. One of the largest. Shoots green-tinged purple at top. Pkt. 10c, oz. 20c, ¼ lb. 50c, postpaid. Roots, by express at purchaser's expense, \$1.70 per 100. Carriage paid, \$2.30.

—Columbia Mammoth. A variety of exceptionally large size and merit. Pkt. 10c, oz. 20c, ¼ lb. 50c, postpaid. Strong two-year-old roots, by express at purchaser's expense, \$1.85 per 100. Carriage paid, \$2.45.



BEANS

FRENCH, HARICOT NAIN
ITALIAN, FAGINLOI

Owing to climatic conditions, Bean crops were practically a failure the past two years. 2 pounds will plant 100 feet of Drill, 1½ bushels for 1 acre.

Dwarf Beans as a rule are more hardy and earlier than the running sorts. They are usually planted in drills, and stand well without support. The rows should be 2 to 3 feet apart, according to the character of the soil, and the covering about 2 inches. Beans will thrive upon light soils, although more profitably grown under cultivation upon stronger land, where the rows should be kept well apart. Being quite tender, they should not be planted until danger from frost is over, and a dry warm soil is needed to ensure germination.

WAX PODDED, BUSH VARIETIES

Prices of the following varieties, except where noted ;
pkt. 10c, ¼ lb. 20c, 1 lb. 65c, 5 lbs. \$3.00,
carriage or postpaid.

Beans, Black Seeded Wax. A popular variety, splendid for market garden purposes, very early ; a prolific yielder producing round pods 4 to 4½ inches long ; pods a waxy yellow, solid, tender, almost stringless, free from rust and of excellent quality ; seeds, when ripe, jet black.

—**Davis' White Seeded Wax.** Immensely productive and very hardy, bearing large handsome straight flat pods, six to seven inches in length and of good quality. The dry seed, being white, kidney shaped, is desirable for winter market, as a dry bean for cooking. Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, carriage or postpaid.

—**Golden Eye Wax.** Early, very productive. Vines erect, compact, bearing the pods well up from the ground. Pods of medium length, five and one-half to six inches, slightly curved, broad, flat, golden yellow, very fleshy and wax-like ; cooking quickly as green, shelling well when ripe, and of the highest quality used in either way. Seed medium sized, oval, white, more or less, shades of yellowish red at eye.

—**Wardwell's Kidney Wax.** Vines and leaves large, strong-growing and vigorous, producing a large crop of long, nearly straight, handsome, white, wax-like flat pods, six to six and a half inches long, of good quality. An excellent gardener's variety. Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, carriage or postpaid.

—**Scarlet Flageolet Wax.** One of the best either for family or market uses. It is as early as the Golden Wax ; the pods are nearly free from rust. The pods are very long, broad, flat, yellow, entirely stringless ; quality excellent ; very productive.

—**Keeney's Rustless Golden Wax.** A strong-growing bush variety with a few short runners. The pods about five inches long are meaty, well-filled and produced in abundance. Pods are flat when young, and semi-round later ; of rich yellow color and fine quality.

—**Round Pod or Kidney Wax.** A medium early variety producing an abundant yield of light yellow round pods six inches long, stringless, brittle, very meaty, and of excellent quality ; one of the best. Pkt. 10c, ¼ lb. 25c, lb. 70c, 5 lbs. \$3.25, carriage or postpaid.

—**Golden Wax.** One of the earliest and best dwarf beans known. The plants are erect, compact and very productive. Pods are about five inches long nearly straight, flat to oval in shape and of a golden yellow color.

GREEN PODDED BUSH VARIETIES

Prices of the following varieties : pkt. 10c, ¼ lb. 18c, 1 lb. 55c, 5 lbs. \$2.50, carriage or postpaid.

Beans, Early China. Very early and of the finest quality, pods 5 to 5½ inches long and oval shaped, very productive, seeds white, spotted purplish red.

—**Early Mohawk.** First early, none better for first planting ; productive, very hardy, almost rust-proof. Pods large 5½ to 6 inches long ; flat, taper to a point. Can be used when half grown.

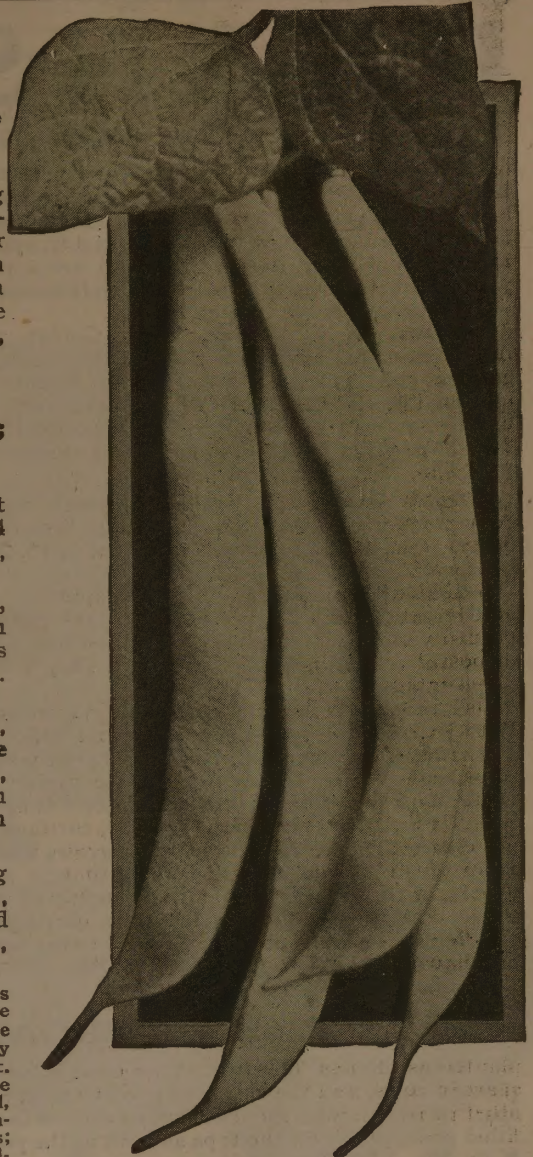
EXTRA EARLY VALENTINE (ROUND POD). Pods are usually ready to pick in about forty-three days from germination. Vines erect, pods medium length 4½ to 5 inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender ; seed long of medium size.

Beans, Improved Large Refugee. Both pods and seeds are larger and earlier than the old Refugee variety, roundish in shape, and a better yielder. Pods about 5 inches long.

—**Early Long Six Weeks.** One of the earliest, pods, flat-shaped, very meaty ; six inches long, and of excellent quality ; an abundant yielder ; a good garden variety.

BUSH LIMA BEANS

The bushes grow 18 to 20 inches high, of stout growth, always erect, yet branching so vigorously that each plant develops into a magnificent circular bush, about 2 feet in diameter, and it is also a good cropper. Pods, short and flat, containing 3 or 4 large size flat beans of excellent quality ; Pkt. 10c, ¼ lb. 25c, lb. 70c, carriage or postpaid.



GOLDEN EYE WAX



IMPROVED GOLDEN WAX BEAN

Note.—Deduct 10c. per lb. from above prices on Beans if wanted by express or freight at your expense.

BEANS POLE OR RUNNING

One pound will plant 75 hills.

The planting of the various sorts of pole-beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas being very tender will do better if not planted in the open ground before June 1st. Plant in hills about 3 ft. apart, and 1 to 2 ins. deep, using 5 or 6 seeds to each hill, and set a pole firmly in the centre. Manure liberally in the hill with well-composed fertilizer. Thin the plants, leaving three in each hill.

Beans, Early Wonder, Wax. Golden podded, a marvel of productiveness, ten days earlier than any other pole wax. The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; the pods are very large, 8 to 10 inches in length; entirely stringless, plump, roundish to flat, and almost "solid meat," cooking meltingly tender and of superb flavor. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Dutch Case Knife. Vines moderately vigorous, leaves very large, very productive. Pods 7 to 8 in. long, broad and flat; lightish green in color. One of the earliest. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Golden Carmine. As the pods approach full size they are mottled and streaked with an unusually bright carmine color on the bright golden yellow, which gives the pods when ready for use a strikingly beautiful attractive appearance. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Kentucky Wonder. Splendid, vigorous and productive variety. Pods in clusters, round succulent and delicious. Color, dark green. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Large White Lima. A large late variety, with long, broad, very thick, dark green pods; although late, it is esteemed as one of the very best. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Scarlet Runners. This variety grows from 10 to 12 feet high, with large green foliage, and flowers brilliantly scarlet, fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. Pkt. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c, carriage or postpaid.

—White Dutch Runners. Similar to the preceding, excepting seeds and flowers, which are white. Pkt. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c, carriage or postpaid.

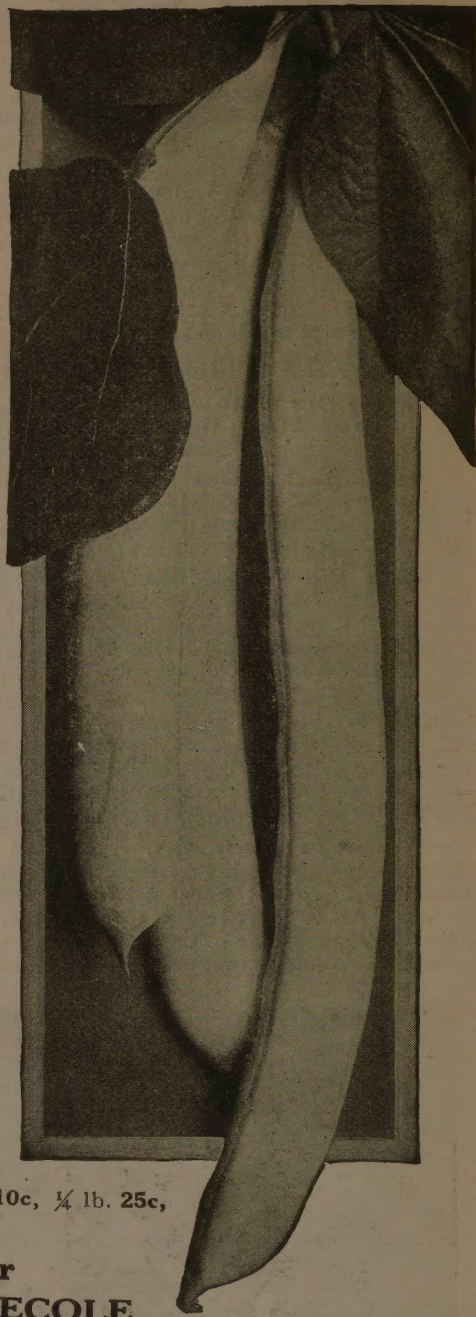
ENGLISH OR BROAD BEANS

Beans, Broad Windsor. This class is very hardy; and should be planted as soon as the soil is in good state in the spring. Plant 4 inches apart in rows, and 2 inches deep, in drills 4 feet apart. To ensure well-filled pods, pinch off the tops as soon as the pods begin to set. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.

—Harlington Windsor. A selected and much improved type of the old Standard sort, being a much heavier yielder, and a larger bean. Pkt. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, carriage or postpaid.



BORECOLE OR KALE



EARLY WONDER POLE BEANS

KALE or BORECOLE

Dwarf Curled Scotch Kale. This is more hardy than cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June, transplant in July and cultivate same as cabbage. For early spring use sow in September; protect over winter with a covering of straw or litter. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, postpaid.

BROCOLI

FR. BROCOLI. Sow end of April in the open ground, then transplant about two feet apart in deep, rich ground. When they flower, break the large leaves over the heads to protect them from the sun.

Broccoli, Walcheren White. Plants are very hardy and vigorous. Large, firm, white heads, resembling a Cauliflower; very hardy; endure cold and withstand heat and drought well. Pkt. 10c, oz. \$2.00.

BRUSSELS SPROUTS

FRENCH, CHOU DE BRUXELLES; ITALIAN, CABOLODI BRUSSELLES.

One of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages of excellent mild flavor. By sowing in April or May and transplanting in July, may be had in fine condition until December.

Brussels Sprouts, Dalketh. Produces compact sprouts, or heads of excellent quality. Pkt. 10c, oz. 75c, postpaid.

—Amagar Market. Probably the most useful variety, plants growing one and one-half to three feet high; very hardy and giving compact, round sprouts of large size and good quality. Pkt. 10c, oz. 90c, postpaid.

BEETS FOR THE TABLE

FRENCH, BETTERAVE.
ITALIAN, BARBABIETOLA.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.

Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession, sow at intervals until middle of July. For the earliest sowings, a light dressing of nitrate of soda, say about 100 pounds per acre, will sometimes work wonders.

Beet, Crimson Globe. A very handsome Beet. May be grown for early or main crop. Globe-shaped and very smooth and free from rootlets. Of medium size, with dark leaves on slender stems. The flesh is of exquisite tenderness without any stringiness and of a deep crimson color, ringed in a most beautiful way. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.50, postpaid.

—Crosby's Egyptian. One of the Best. Very early. A careful selection from the original Flat Egyptian, but of a more desirable shape, being thicker. The color is a deep dark red; flesh sweet, smooth, tender and excellent quality. It is a very early, fast grower to good size. Most desirable for early markets, as its good shape and size give it a very enticing appearance. Our stock is very select. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.50, postpaid.

—Early Eclipse. Very early, globe-shaped; flesh dark, tender, and of desirable quality. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, postpaid.

—Detroit, or Select Early Blood Turnip. This is the finest type of this popular variety. Tops small, upright in growth. Leaves dark green, shaded with red. Root medium sized, globular or nearly round, very smooth and of dark blood-red color. Flesh is deep vermillion-red, zoned with a lighter shade of the same color. Very desirable for bunching. It is unsurpassed in quality. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.50, postpaid.

—Extra Early Flat Egyptian. One of the earliest, of good quality, and medium size, a fine forcing variety; small top, a great favorite with market gardeners. We have an exceptionally fine strain of this variety and recommend it very highly. It is one of our best sellers. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.50, postpaid.

—Steele, Briggs' "Dandy" Egyptian. If asked to name the ideal Beet for the home garden, we would unhesitatingly name "Dandy." This is an improvement on the old type: the flesh is a rich blood red, never stringy and always sweet and tender. Whether you grow for home use or market, you will find this variety to be unsurpassed. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.50, postpaid.

—Edmand's Early Blood. The best of American origin, and very uniform. The root is always smooth, round and handsome, tops small, of good marketable size and among the best for table use; color dark red, flesh purplish-red, crisp, tender and sweet. An excellent keeper. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, postpaid.

—Half-long. Red flesh-pink zones, sweet and tender; root smooth, fine even shape. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, postpaid.

—Long, Smooth, Deep Blood-Red. An excellent late variety. Great improvement on Common Long Blood. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

SWISS CHARD or SPINACH BEET Swiss Chard produces more food for the table than almost any other vegetable. Grown for its large, succulent, tender leaves and stems. The young leaves are boiled for "greens" same as spinach. They can be used all summer when spinach is not available. Later, the stems get very broad, flat and pure white, and are delicious served as asparagus, or made into pickles. Our strain is the **Curled Leaved, Silver Ribbed.** Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, postpaid.



S. B.'S "DANDY" EGYPTIAN, FROM A PHOTO



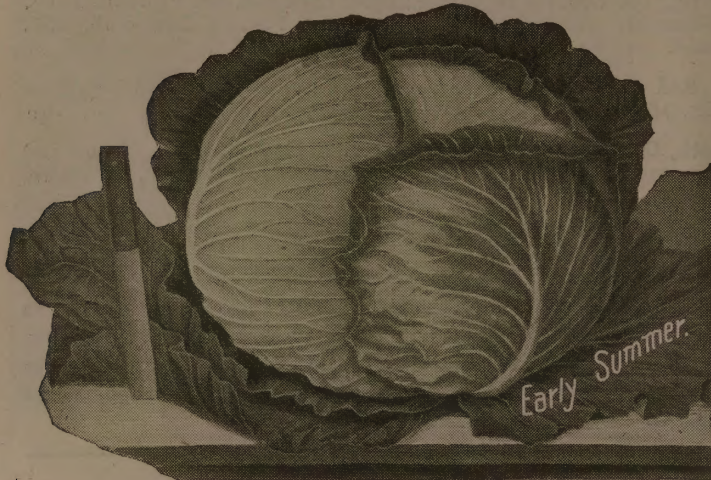
SWISS
CHARD



Early Jersey Wakefield



EARLY "COPENHAGEN MARKET"



Early Summer

Cabbage

FRENCH, CHOUPOMME

ITALIAN, CAVOLO CAPPUCIO

For early use sow in a hot-bed in February or March. For late crop sow in a nursery bed, May or June, and transplant as soon as the plants are 5 or 6 inches high. A mixture of salt and ashes applied to the hill when planting is excellent for promoting growth and keeping down the maggot. Good seed, deep rich soil, plenty of manure, thorough cultivation. One ounce of seed will raise about 2,000 plants.

FIRST EARLY VARIETIES

Cabbage, Express Extra Early. One of the earliest. Medium in size, forming a conical head, with few leaves, very short stem; can be planted very close. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

—**Early Winingstadt.** One of the best cabbages for general use. Heads of medium size, regularly conical, solid and of excellent flavor. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid

EARLY JERSEY WAKEFIELD

The earliest and surest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care; there is none better and there are few as good. Plant compact with few outer leaves, which are smooth and thick. Heads of medium size, solid, uniformly pointed, and of excellent quality. The habit of growth and hardiness make it most desirable for early planting. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

"COPENHAGEN MARKET"

An extra early round-headed cabbage of exceptional merit. The heads are medium large, round and slightly flat on top, very hard, firm and solid, with very little core, and of excellent quality. Outside leaves are rather small, inner leaves folding closely over the head, stem short. Pkt. 15c, oz. \$1.60, $\frac{1}{4}$ lb. \$4.50, postpaid.

—**Early Dwarf York.** One of the most popular early varieties. Heads small, roundish to ovoid, firm and tender, and of excellent quality. Pkt. 10c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, postpaid.

—**Paris Market.** One of the earliest. Conical in shape, tender and of excellent quality. A fine variety for home use, but not a good shipper. Pkt. 10c, oz. \$1.40, $\frac{1}{4}$ lb. \$4.00, postpaid.

SECOND EARLY VARIETIES

Cabbage, Early Summer. An excellent second early, large, roundish to flat-heading, short stemmed variety; two weeks later than the Wakefield, of solid, handsome and compact growth. A favorite with market gardeners, and valuable for family use. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

CHARLESTON or LARGE WAKEFIELD

A strain in which the plant is larger and a little later than Early Jersey Wakefield, the head being fully as solid but less pointed and considerably larger. Leaves rather large, smooth and comparatively thick. Exceedingly hardy and on account of its earliness and size of head with market gardeners and shippers it is deservedly a very popular sort to follow Jersey Wakefield. The seed we offer can be depended on to produce uniformly fine, marketable heads. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

—**Cabbage, All-Head, Early.** One of the earliest of large cabbages, being at least a week earlier than Early Summer, larger, and produces uniform solid heads, short stemmed, flat headed, deep and uniform in size and shape. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

—**Fottler's Improved Brunswick.** A second early variety of superior quality, of large, uniform size, a good header. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

—**All Seasons.** One of the largest and most desirable of the second early sorts. Plants vigorous. Heads very large for so early a variety, nearly round or somewhat flattened, solid and of the best quality. Adapted for autumn as well as early summer use. Remains an exceptionally long time in condition for use. Sometimes sold as Vandergaw. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

—**Succession.** Follows ten days after Early Summer, forming more solid heads, while it can be planted nearly as closely. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, postpaid.

We Deliver Free, all Seeds, Bulbs and Plants, except where noted.

CABBAGE—*Continued***GLORY OF ENKHUIZEN**

It is a valuable sort on account of its earliness, large size and fine keeping quality. The heads are of nice size for market, weighing about 9 to 11 pounds each, globe-shaped and handsome dark green in color. For an early sort, the heads are unusually firm and solid. The leaves are fine ribbed, tender and of excellent quality. The outer leaves set close, permitting the planting of more heads to the acre, thus increasing the yield. This is not only valuable as an early variety, but as it grows large it may be profitably raised for main crop for fall use. With market gardeners this sort is sure to be popular because of its many valuable characteristics. Pkt. 10c, oz. \$1.40, $\frac{1}{4}$ lb. \$4.00.

Steele, Briggs' "Kildonan"**A LATE SECOND EARLY**

Makes enormous heads, which get solid towards close of the growing season, weighing often 20 to 25 lbs. each.

THE GREAT MONEYMAKER.—Very desirable as an intermediate variety, also for later use. Specially suited to the West to grow for keeping. Not too late to mature to perfection.

"KILDONAN" may be sown in the open about the middle of May. If wanted earlier, better to start the seed in a hot-bed. It grows on a short stem, the heads are large, flat, solid, of handsome form and color, and the quality first class. Whether wanted for early, main crop or late use, it is a sure header at all seasons.

The Genuine Stock is obtainable from STEELE, BRIGGS' only, Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

LATE VARIETIES

Cabbage, Autumn King. A good winter cabbage. Heads roundish and flat, of excellent quality. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

—Premium or Late Flat Dutch Drumhead. A very fine standard variety, produces large oval to flat-shaped heads, very firm and of excellent quality; splendid winter keeper. Pkt. 10c, oz. 90c, $\frac{1}{4}$ lb. \$2.75.

DANISH BALL HEAD

Very hardy, handsome, very solid, of fine quality and as one of the very best keepers it is particularly desirable for distant markets or for late spring use. The plant is vigorous, compact growing, with longer stems than most sorts and exceedingly hardy in resisting cold and dry weather. The outside leaves are few but rather large, thick, smooth, bluish-green covered with whitish bloom. The head is medium sized, round, very solid and stands shipment better than any other late sort. We offer seed of our own growing which, judging from recent trials, will produce more uniformly typical heads than can be grown from the best stock obtainable elsewhere. Pkt. 10c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

STEELE, BRIGGS' CHESTER KING

Heads, handsome, borne on short stems, medium size, solid, round, and as hard as they can be, and of a bluish-green color, the quality is fine and flavor excellent, heads when open being crisp and white. It is very sweet flavored, keeps well, is good for shipping. Pkt. 10c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

—Flat Swedish. The heads are of medium size, averaging about 8 lbs., of a flattish shape and are very solid, while their fine white color, makes them quite distinct from other kinds. The quality is excellent and it is a uniformly good keeper, the heads being often just as solid and perfect when taken out in spring as when put away in fall. Pkt. 10c, oz. \$1.40, $\frac{1}{4}$ lb. \$4.00.

RED CABBAGE

—Mammoth Red Rock. A large-growing and selected strain of the late Red Cabbage. The heads will average 10 lbs. each. Heads flat with large spreading outside leaves. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

—Dark Red Early Dutch. Forms very hard, round heads of a deep red or purple color. Pkt. 10c, oz. 90c, $\frac{1}{4}$ lb. \$2.75.

—Red Drumhead. Heads large, nearly round, very hard, and of exceedingly deep red color. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

—Delicatesse. A grand, early, hard heading, black Red Cabbage. The heads are medium in size, have only a few outer leaves, and are of black-red color to the centre. It is an imported variety. Very sure heading. Its few outer leaves permit close planting. Pkt. 10c, oz. \$1.40, $\frac{1}{4}$ lb. \$4.00.

SAVOY CABBAGE

Steele, Briggs' Chester Savoy. Considered the finest Savoy in cultivation; heads solid, large, uniform, deeply savoyed and curled. Plants are short stemmed and very vigorous. Quality excellent. Pkt. 10c, oz. 90c, $\frac{1}{4}$ lb. \$2.75.

—Drumhead Vertus. The largest of the Savoy, dark green leaves, fine keeper. Pkt. 10c, oz. 90c, $\frac{1}{4}$ lb. \$2.75.



DANISH BALL HEAD



GLORY OF ENKHUIZEN



CHESTER SAVOY

CARROT

FRENCH, CAROTTE. ITALIAN, CAROAT.

Prices for Carrot Seed are carriage paid. One ounce will sow 100 feet of drill, two to three pounds for one acre.

Carrots to grow to perfection, require a rich, deep sandy loam, well pulverized and deeply cultivated. For an early crop, sow in May and June, in drills about one foot apart, thinning to 4 inches in the row. Sow for main crop, June and July.

CARROT, CHANTENAY

As a table variety it is first-class; in shape it is larger than the Scarlet Horn, and also broader at the shoulder. Flesh is of a beautiful, rich orange color and of the finest quality. It is medium early, with small tops. Roots taper slightly, but are uniformly stump-rooted. Gives great satisfaction in both the market and private garden. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

Carrots, Early Scarlet Horn. Excellent for planting out of doors. Tops small, coarsely divided; **stump rooted**, but tapering abruptly to a small point; surface dented; skin orange-red. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

—Guerande, or Ox Heart. Roots are short and very thick, terminating abruptly in a small tap root. Flesh orange, fine-grained and sweet. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

—Half-Long Scarlet Nantes. Stump rooted. Tops medium; roots cylindrical, smooth, bright orange, of medium size; flesh orange, becoming yellow in centre, but with no distinct core; very uniform in type and of fine quality. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

—Danvers Half-Long. A half-long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size. Roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of good quality. Although the roots of this variety are comparatively short, they often produce as large a bulk as the longer field sorts and are more easily harvested. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.



DANVERS HALF-LONG

CRESS OR PEPPER GRASS

FRENCH, CRESSON

Sow thickly in shallow drills, early in the spring, and at intervals throughout the season for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams and increases rapidly by the spreading of the roots or from the seed.

Cress, Extra Curled. Very fine, may be cut two or three times. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75, postpaid.

—Broad Leaved Green. Very large leaved variety, pungent and pleasant flavored. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, postpaid.

—Water. A most desirable and appetizing salad, thriving best in shallow water on edges of streams. Pkt. 15c, oz. \$1.00, postpaid.

CHICORY FRENCH CHICOREE

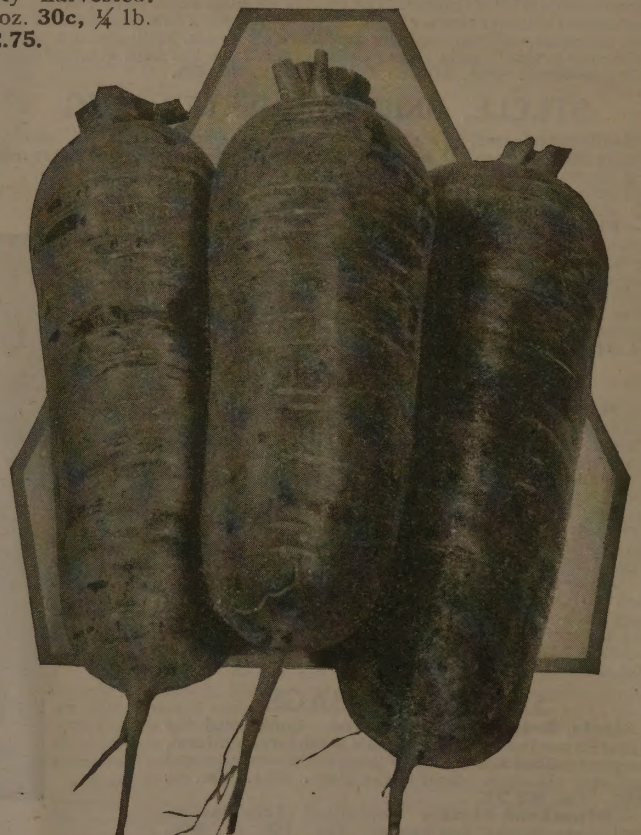
Sow Chicory seed in spring in drills half-inch deep, and in good mellow soil; the after culture is the same as for carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The roots are cut and dried, and then roasted for adulteration with coffee. An ounce of seed will sow about 100 feet of drill, and from 2 to 3 lbs. an acre.

Chicory, Large Magdeburg or Coffee. Pkt. 10c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, postpaid.

CURLED CHERVIL FRENCH, GERFEUIL

Its aromatic leaves somewhat resembling parsley and by many considered superior to it in flavor. The young leaves are used in soups and for flavoring and garnishing meats and vegetables.

Sow in early spring in rich, well-prepared soil. The seed is slow to germinate, sometimes remaining in the earth four or five weeks before the plants appear. When the plants are about two inches high, transplant or thin to about one foot apart. They are ready for use in six to ten weeks from sowing. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.



HALF-LONG SCARLET NANTES

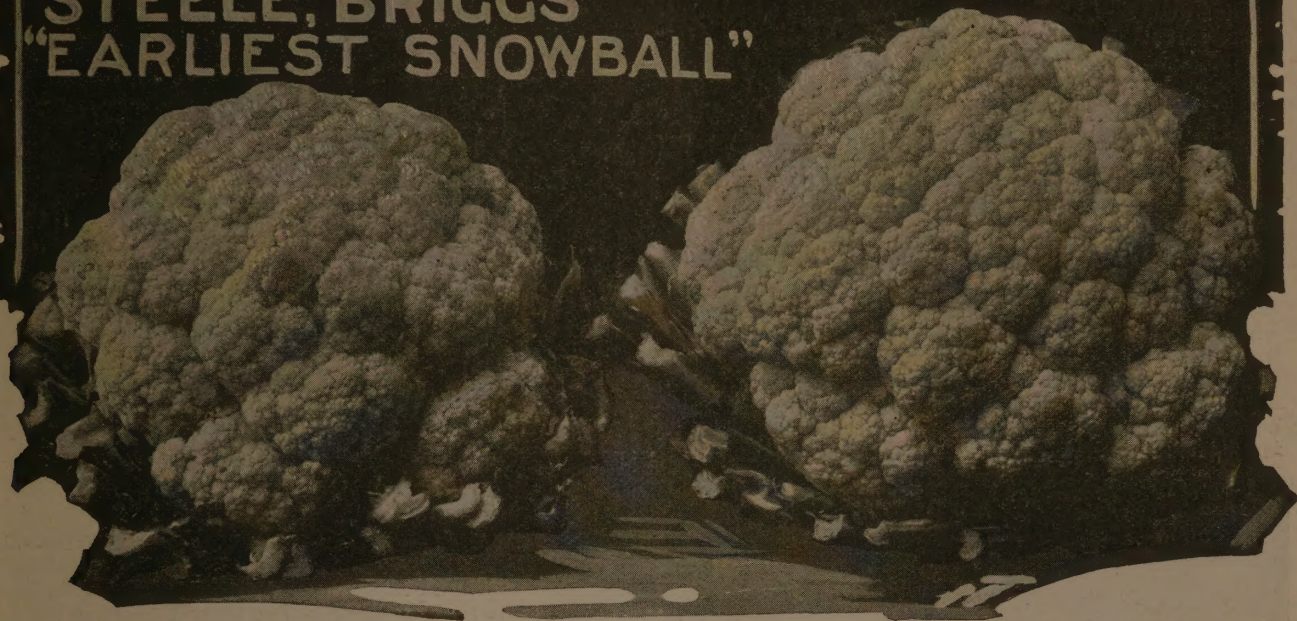
We Deliver Free of Charge all Seeds, Bulbs and Plants Except Where Noted.

CAULIFLOWER

FRENCH, CHOU FLEUR

ITALIAN, CAVOLOFLORE

STEELE, BRIGGS' "EARLIEST SNOWBALL"



Start the seed in hot-bed from April 5th to 10th, and when large enough transplant to cold frame, setting out in the garden as early in June as safe. If the cold frame is not used, it is well, after taking the plants from the hot-bed to lay them together in a shady, damp place for two days before planting out. This will generally prevent wilting. The soil should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture and keep free from worms with Persian Insect powder. For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it either in early summer or late fall. Although nine tenths of the cauliflowers grown in this country are produced without it, frequent and abundant watering is so beneficial that it pays well for the labor it costs. After the heads begin to form draw the leaves over them and pin or tie them together to protect the heads from the sun and keep them white. **Owing to the seeds of some varieties being very expensive there is a great temptation to use the cheaper sort.** We think it well, therefore, to caution our customers to use only the best—the crop tells.

STEELE, BRIGGS' "EARLIEST SNOWBALL." This strain which we offered six years ago for the first time has given universal satisfaction. We have numerous testimonials from leading market gardeners as to its merits. In our comparative trials in open field tests it has taken the lead every year since introduced. The plants are compact with narrow upright leaves, well suited for close planting. **The heads are solid, compact, round, very white and of fine quality.** A very sure heading strain; recommended for forcing as well as open ground use. Sold only in sealed packages. Pkt. 25c, $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

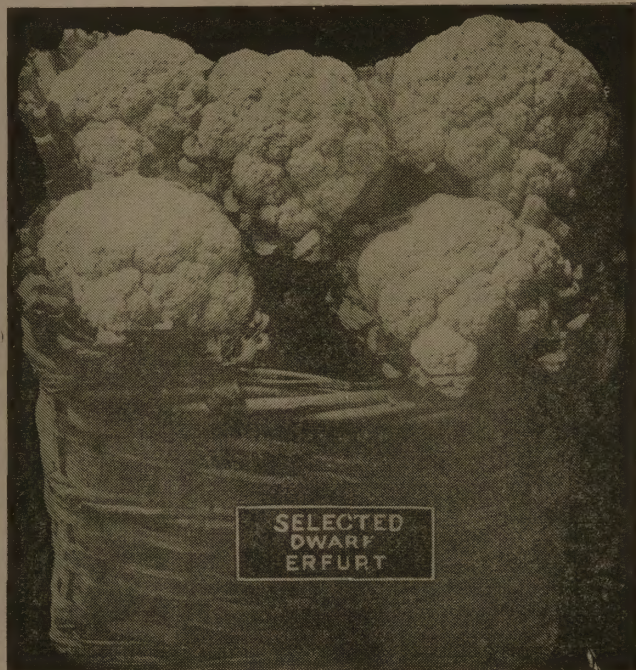
—STEELE, BRIGGS' EXTRA EARLY "WHITEHEAD." Of dwarf, compact growth, with short stalks. The large handsome heads, measuring 8 to 10 inches across, are pure snowy white, very close and of the finest quality. So extremely solid and deep, nearly globe-shaped, are the heads, that they weigh heavier than most other cauliflowers of the same size. Pkt. 25c, $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

—EARLIEST SELECTED DWARF ERFURT. One of the leading early varieties, small leaved, dwarf, for forcing and outside growth, producing very solid, pure, white heads of the finest quality. Pkt. 25c, $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

—EARLY SNOWBALL. More extensively grown than most other varieties, both for forcing or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid compact head. For these reasons it is growing more and more in favor for planting for the late summer and fall crop, about 10 days later than Steele, Briggs' Earliest Snowball. Pkt. 25c, $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

—Lenormand's Large, Short Stemmed. Heads large, white, well formed and compact, of good quality, very hardy, semi-dwarf, producing many large leaves. Pkt. 10c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

—Veitch's Autumn Giant. A late variety, heads large, beautifully white, firm and compact. Being well protected by its heavy foliage, it remains a long time fit for table use. To ensure their full development, the plants should be started and transplanted early in the season as it matures late. Pkt. 10c, $\frac{1}{4}$ oz. 75c, oz. \$2.00.



CELERY

(FRENCH, CELERI; ITALIAN, SEDANO)

Sow in the open ground in April, and keep clear of weeds until the time of planting in June and July. Plant in rows 3 feet apart and 6 inches apart in rows. After planting, nothing further is to be done for 6 or 7 weeks, except running between the rows with the cultivator or hoe and freeing the plants from weeds. In August begin the "earthing-up" necessary for blanching. After all the soil has been drawn up against the plant with the hoe, it is further drawn up close around each plant by the hand, firm enough to keep the leaves in an upright position.

CELERY, PARIS, GOLDEN YELLOW

(French Grown Selected Stocks Scarce). Best for early market use. Plants of a yellowish green color when young, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness and fine nutty flavor make it a standard of excellence as an early sort. Pkt. 25c, $\frac{1}{2}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.



PARIS GOLDEN YELLOW CELERY

"WINTER QUEEN"

Has the strong, robust growth of the Giant Pascal. Their compact habit makes considerably less labor in earthing up the plants to blanch, and the rows can be planted more closely in the field. Each plant makes a large number of fine stalks (hearts of rich golden yellow) which are broad, thick, heavily ribbed. Stored for winter, it is an excellent keeper. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50.

STEELE, BRIGGS' SELECTED WHITE PLUME

A very early, hardy variety, easy to grow, and one of the best for the West. The stalks, heart and portions of inner leaves are white naturally and "earthing-up" completes the blanching perfectly. Looks well on the table; is crisp, succulent and fine flavored. Pkt. 10c, oz. 60c, $\frac{1}{2}$ lb. \$1.75.

GIANT PASCAL

Not early. It blanches very quickly, after earthing-up, to a beautiful yellowish-white color; is very solid and crisp, and of a nutty flavor. The stalks grow broad and thick. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50.

DWARF WHITE SOLID (LARGE RIBBED)

Dwarf white, stiff, close habit, solid, crisp and of good quality. Keeps in good condition later in the season than any other variety. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50.

EVAN'S TRIUMPH

The best late Celery, of superb quality and one of the best keepers. The very large, solid stalks are of the finest quality and texture, crisp, brittle, tender and real nutty in flavor. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50.

LONDON PRIZE RED

One of the best of its color, of good size and of the finest quality, with a nutty flavor. Pkt. 10c, oz. 50c, $\frac{1}{2}$ lb. \$1.50.

CELERIAC, or TURNIP ROOTED CELERY

A variety of Celery with turnip-shaped roots, which are white-fleshed and have the flavor of Celery stalks. Little known, consequently not appreciated. It has the real celery flavor, and can be kept in the cellar long in winter just the same as beets or carrots. Pkt. 10c, oz. 60c, $\frac{1}{2}$ lb. \$1.75.

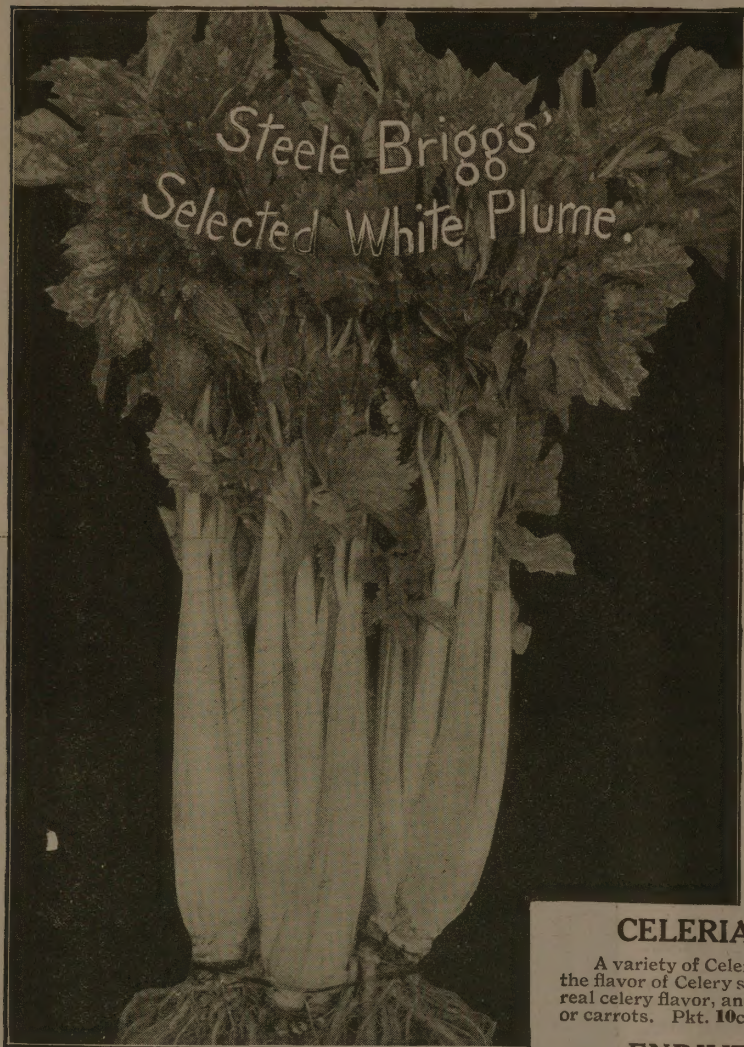
ENDIVE FRENCH, CHICOREE ITALIAN, INDIVIA

Tender and delicious autumn salad. Plant in June or July, and when nearly full grown, tie together in order to bleach in the centre. One ounce will sow 100 feet of drill and will produce about 3,000 plants.

Endive, Extra Green Curled. Dark green leaves, which blanch white, crisp, tender. Pkt. 10c, oz. 30c, $\frac{1}{2}$ lb. 90c.

—Moss Curled. Appearance of a tuft of moss; color dark green, blanches beautifully. Pkt. 10c, oz. 30c, $\frac{1}{2}$ lb. 90c.

We Deliver Free all Seeds, Bulbs, and Plants, except where noted.



CORN SWEET OR SUGAR

FR., MAIS. 40 lbs. per Bushel.

All the varieties of Sweet or Sugar Corn may be either sown in rows $4\frac{1}{2}$ feet apart, and the seeds placed about 8 inches apart in the rows, or planted in the hills at a distance of 3 or 4 feet each way, according to the variety grown or the richness of the soil in which it is planted. Cultivate often and thoroughly. One pound of seeds plants 100 hills. One peck will plant an acre.

For field varieties see *Agricultural Seeds*, Page 40. Prices for the following varieties (except where noted); pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c, 5 lbs. \$2.25, postpaid.

EARLY VARIETIES

Corn, Crosby's Early Sugar. Early and a favorite. Rather small ears, but productive and of excellent quality.

—**Extra Early White Cory.** One of the earliest varieties, well and favorably known in all parts of the country. It succeeds well where the seasons are short, and can be recommended for general planting. Ears six inches long, with eight rows of broad grains.

—**Extra Early Golden Bantam.** Is dwarf in growth, the stalks averaging four feet in height, the ears are from five to seven inches in length, but what it lacks in size is fully made up in **productiveness** and **quality**. "Golden Bantam" is so named because the grain, when ready for use, is a **creamy yellow**, deepening to orange-yellow as it ripens. A single trial of its splendid quality soon convinces one that Golden Bantam is **actually the finest flavored of all the sweet corns**. The most popular corn on the market; excellent yielder. Per pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c, 5 lbs. \$2.50.

—**Early Giant.** The ears grow to a large size, kernels pure white, sweet and tender.

—**Early Minnesota.** Next to Crosby in earliness; ears of fair size, kernels broad, sweet and tender.

—**First of All (Red Cob Cory).** Differs from Extra Early Cory only in color of the cob, is about 5 days earlier in maturing.

—**"Howling Mob."** This variety originated near Toledo, Ohio, and its queer but appropriate name has reference to the loud and clamorous demand for the Corn when brought to market. The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk, affording protection from the green worms which so often are destructive to early varieties. There are 12 to 14 rows of good sized white kernels of exceptionally fine quality. Per Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c, 5 lbs. \$2.50.

—**Mammoth White Cory.** A few days later than Extra Early White Cory. The ears are larger, the grain and cob are pure white and of unsurpassed quality.

—**Perry's Hybrid.** No better second early for the market gardener. It is nearly as early as Early Minnesota, but makes a much larger ear. Kernels white, large, sweet and very tender and good quality.

LATE OR MAIN CROP VARIETIES

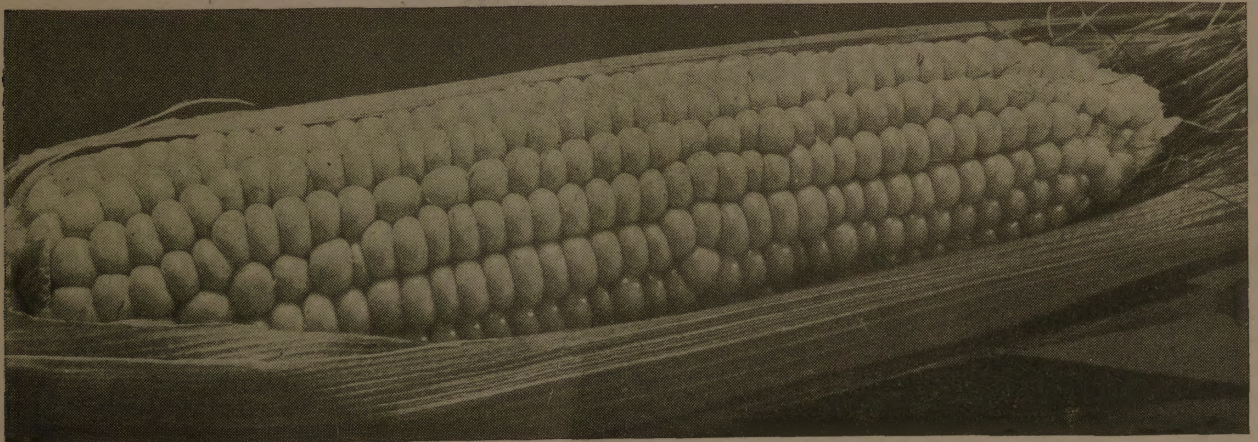
Corn, Country Gentleman. A remarkably delicious Corn for family use. Its long, small, milky kernels are full of sweetness; cob small, corn white and tender, rather late in maturing. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c, 5 lbs. \$2.50, postpaid.

—**Black Mexican.** Ears well filled with eight rows of large, rather flat grains, which are deep bluish purple, cooks white however, and is of **superlatively sweet flavor**. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c, 5 lbs. \$2.50, postpaid.

—**Stowell's Evergreen.** The Standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and

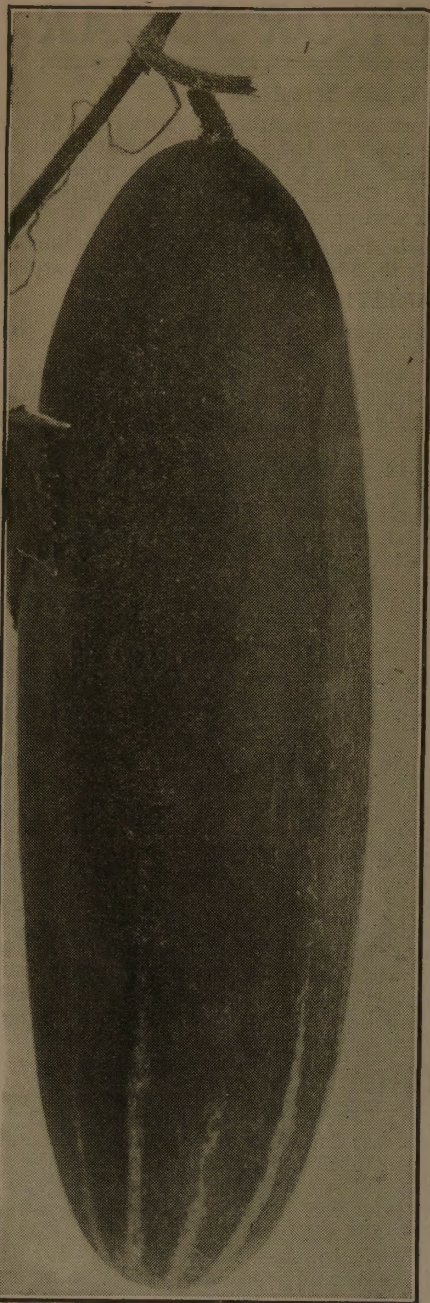


SWEET CORN "HOWLING MOB"
sugary, remaining a long time in condition suitable for boiling. Our stock has been carefully grown and selected. Ears about eight inches long, fourteen to twenty rowed; Stalks about seven and one-half feet high. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c, 5 lbs. \$2.50, postpaid.



STOWELL'S EVERGREEN CORN

We Deliver Free all Seeds, Bulbs and Plants, at Prices quoted.



STEELE, BRIGGS' "PERFECTION" CUCUMBER

Forcing or Frame Cucumbers

For greenhouse or hot-bed; very handsome both in form and color; attain a length of from 20 to 30 ins. The following are the cream of the many popular sorts:—**Empress of India** (Reid's), pkt. 25c. **Duke of Edinburgh**, pkt, 25c. **Rollinson's Telegraph**, very prolific, crisp, superior quality, pkt. 25c.

CUCUMBER

FRENCH, CONCOMBRE.
ITALIAN, CETRIOLO.

1 oz. for 50 hills; 2 to 3 lbs.
in hills for an acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass down), so that they can be readily transplanted to the open ground in rich soil, when danger of frost is over.

For general use, plant from May 15th to the 24th in drills (not hills) about 6 feet apart, thinning to 3 to 4 inches from plant to plant. The soil should be light (but not sandy), warm and moist. A sprinkling of ashes is very desirable. Pick the fruit before it begins to ripen, as the vines will cease setting fruit as soon as any seed begins to mature.

For very early Cucumbers, sow the first of April in a hot-bed. For general use plant when the weather has become settled and warm, in hills about 4 feet apart each way; thin out four of the strongest plants to each hill: they succeed best in warm, moist, rich loamy soil; continue planting at intervals for a succession. For pickles, plant from June until middle of July.

Prices of the following are postage or carriage paid.

Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

STEELE, BRIGGS' "PERFECTION"

In color it is a dark, glossy green, symmetrical shaped, with a white spine and showing a little white at the flower end; growing to an average length of from 10 to 12 inches. It holds its color until nearly ripe. The quality is fine, as the seeds are very soft when the Cucumber is fit for table use; very tender and brittle and of exceptionally good flavor.

STEELE, BRIGGS' IMPROVED LONG GREEN

The leading variety of Long Green Cucumbers; 12 to 16 inches long, of excellent quality, dark green, firm and crisp; most extensively grown. Very productive. A standard pickling sort or for slicing green.

GIANT PERA

This magnificent variety is of the most delicious flavor; flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size and a good yielder.

—**Paris Prolific Pickling.** A very desirable sort. The fruit is very long, slender, cylindrical; densely covered with fine prickles, and deep rich green in color. Very crisp and tender.

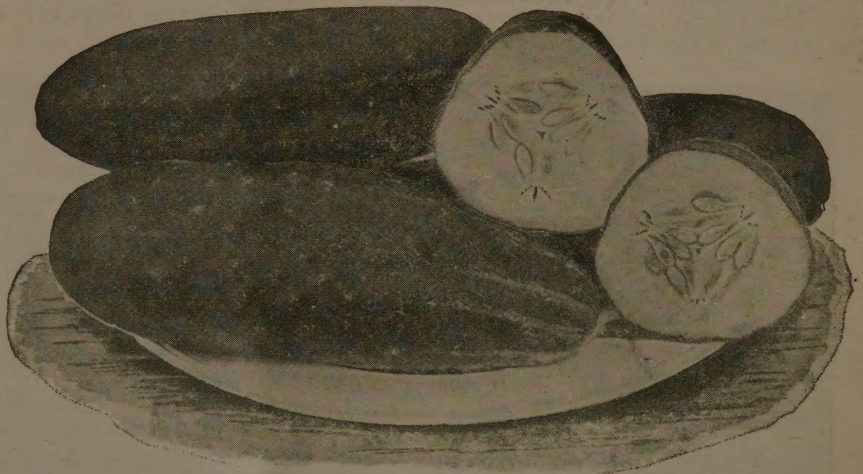
—**"Cumberland."** This variety of the hardy White Spine type is a rapid strong grower, and is very prolific. Fruit is of a dark green color. The flesh is firm, very crisp and tender.

STEELE, BRIGGS' EVERGREEN

Different from the ordinary and popular White Spine color; it retains a deep green color in all stages of its growth; produces extra long, smooth shaped fruit; very prolific; flesh white, tender and crisp; splendid for either market or home use.

—**Japanese Climbing.** Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens.

Other Standard Varieties; Cucumber, Early Arlington, White Spine, Boston Pickling, Chicago Pickling, Green Prolific, Early Frame or Short Green.



STEELE, BRIGGS' EVERGREEN WHITE SPINE

FRENCH, AUBERGINE

EGG PLANT

ITALIAN, PETRONCIANO

Sow in a gentle heat about the first of April. Transplant about the middle of June, setting the plants 3 feet apart. One ounce to 1,500 plants.

Egg Plant, New York Improved. Purple, very large oval, heavy fruit. Pkt. 10c, oz. \$1.50.

—**Black Beauty.** An egg plant from ten to twelve days earlier than New York Spineless. The fruits are broad, thick, very attractive in form, and of good flavor. Pkt. 10c, oz. \$1.50.

KOHL RABI

FRENCH, CHOU RAVE

Kohl Rabi is sown for general crop in the spring like the turnip, in drill, or may be transplanted like the cabbage. For winter table use sow in middle of June. The stem, just above the surface of the ground, swells into a bulb something like a turnip.

Kohl Rabi, Early White Vienna. Green top, white flesh, popular, handsome, good flavor. Pkt. 10c, oz. 60c.

LEEK

FRENCH, POIREAU,

The Leek is of the onion family, is very hardy, of easy culture and succeeds best in light, rich soil. Sow early in April, in drills one foot apart and one inch deep. When the plants are 6 to 8 inches high, transplant in deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible so that the neck may be covered and blanched; draw the earth to them as they grow. One oz. will sow about 100 feet of drill.

Leek, London Broad Flag. Large and strong with broad leaves growing only on two sides like the flag. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, postpaid.

—**Giant Carentan.** The largest variety, often 3 inches in diameter and becoming very white and tender; a very hardy sort. Pkt. 10c, oz. 40c, ¼ lb. \$1.25.

LETTUCE

FRENCH, LAITUE

One ounce will sow 150 feet of drill.

Lettuce is a plant of most simple culture when grown in the open air. It requires rich soil, plenty of well-rotted manure and abundant moisture. With these conditions its growth is vigorous and rapid; and to be crisp and tender it should be grown quickly. Seeds may be sown in a frame in February or March, not much bottom heat being required. The plants may be set out as early as the ground can be worked, as light frosts will not injure them. Set in rows about 18 inches apart, leaving 8 to 10 inches between plants. For successive crops, sow every two weeks up to July.

Lettuce, Grand Rapids, Forcing. This is one of the best forcing and shipping varieties. It matures quickly, is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, postpaid.

—**Detroit Market, Forcing.** (SEED WHITE). An excellent variety for growing under glass where it stands higher temperature and can be crowded to maturity. Also well adapted for out-door growing. The plant is more compact than the Grand Rapids, is lighter colored and less frilled at edge of leaves which are quite crisp and tender. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

—**Big Boston.** A most desirable variety, either for forcing or open ground. Very large and solid; heads well and is a valuable sort. Leaves large, bright green, slightly tinged with brown, very fine quality. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, postpaid.

—**Toronto Gem.** The finest market variety to be found. Lightish green color, crimped, curled, and well-formed heads, tender quality and sweet flavor, place it at the head of the list for the market gardener or family use. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

—**Nonpareil Cabbage.** One of the best in cultivation; color beautiful light yellowish-green; heads well, very tender. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

—**Black Seeded Simpson (Curled).** Forms a large, loose head; it's nearly white, curly leaves are large, thin, exceedingly tender and of a very good quality; one of the best sorts for the frame or hothouse as well as for early outside planting. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, postpaid.

—**Hanson.** A fine, large-heading variety. Leaves curled on the edges; light yellowish-green in color. The head is crisp and brittle, and flavor excellent. Is the very best house garden variety in existence, and much the finest variety of its class. Similar to Nonpareil. Allow 12 inches for each head. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

—**Prize Head.** One of the very best loose-bunching or non-heading varieties. Leaves tinged reddish-brown, very curly, and of remarkably fine flavor. Grows quickly, and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

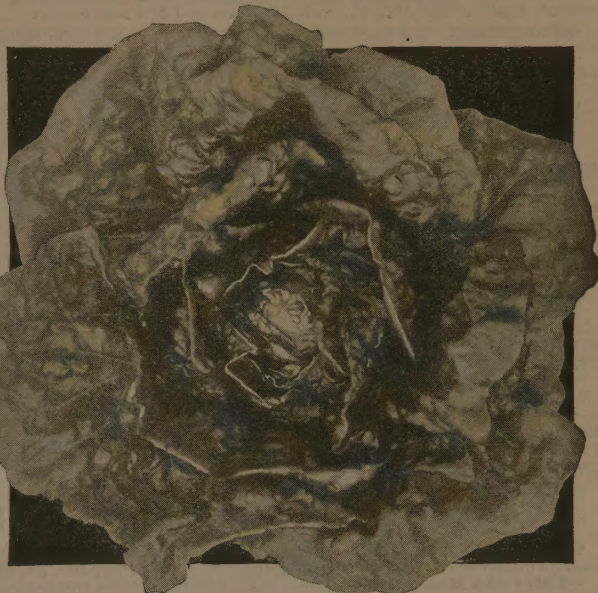
—**Drumhead, or Malta.** A very large, tight-heading variety. Leaves are rather coarse, but very brittle and tender. Is dark green and slightly curled. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

—**Early Curled Simpson.** A loose-bunching sort, forming no definite head. Is crisp and tender; light green in color. Is very hardy and easy to grow. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

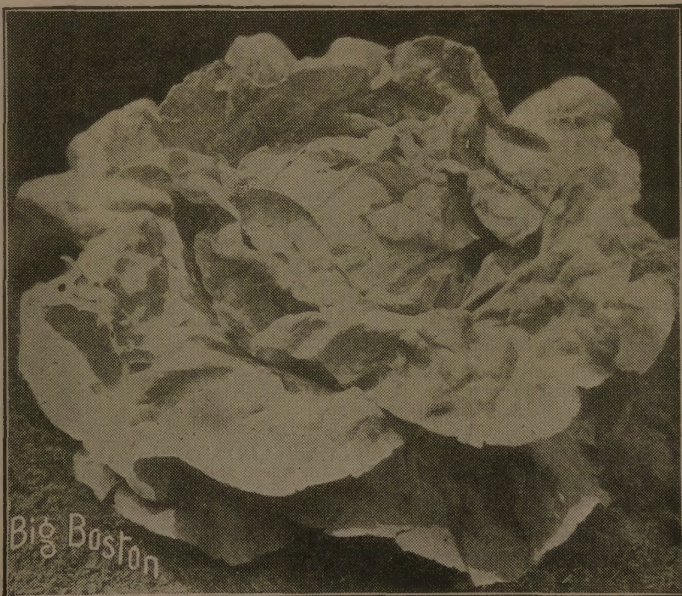
COS, or CELERY LETTUCE

Celery Lettuce, "Trionon." Excels all other Lettuce in quality, having a crispness, tenderness and flavor peculiarly its own, and unapproached by any other variety. The long and narrow leaves require to be tied, when they soon form solid heads and quickly bleach to snowy whiteness, become as stiff, crisp, and as sweet as celery stalks, and are delicious when eaten in the same manner, or prepared for salad. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.

Paris White Cos. Forms a large, light-green plant with the head well folded and quite solid. Pkt. 10c, oz. 30c, ¼ lb. 90c, postpaid.



TORONTO GEM





OSAGE OR MILLER'S CREAM MUSKMELON.

—**Burrell's Gem.** This new Melon is without question unsurpassed in quality, size and shape as a shipping variety. It has a thin, tough rind, the ribs of which are closely interlaced with gray netting. The average length is six inches by four and one-half inches in diameter. They weigh about two and one quarter pounds each. The reddish orange flesh is very thick, fine grained and spicy and of a flavor unexcelled by any other Melon.

—**Montreal Large Green.** Handsomest Melon possible for exhibition or market. Almost round, deeply ribbed, skin green and densely netted, flesh remarkably thick, light green and of a fine flavor.

—**Paul Rose.** Is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the netting of the Gem.

—**"HOODOO."** The fruit is of medium size, the seed cavity very small, the rind is very thin indeed and the edible, fleshy part very thick and meaty. It is of orange or salmon color, the type much preferred now. But its great charm is its flavor, which is **par excellence**.

OSAGE OR MILLER'S CREAM

Fruit medium sized, oval, slightly ribbed, dark green in color, banded with lighter streaks, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the centre of even the largest fruit; the quality is exceptionally fine. A favorite variety for the later markets. We have taken a great deal of pains to develop the thick, deep, rich colored and fine flavored flesh of this sort. Pkt. 10c, oz. 25c, ¼ lb. 75c.

MELON, WATER

FRENCH, MELON D'EAU
ITALIAN, MELONE D'AQUA

Same Culture as Musk Melon. Price of the following varieties, pkt. 10c, oz. 25c, ¼ lb. 75c.

—**Melon, Cuban Queen.** A very fine variety growing to great size, flesh bright red, solid and sweet. The skin is beautifully striped with dark and light green. Melons are wonderfully solid, rind thin. They are enormously productive and ripen early.

—**Fordhook, Early.** One of the earliest, of exceptionally large size, nearly round, excellent quality.

—**Sweetheart.** A variety of largest size, a little longer than thick, being nearly globular in shape, skin a beautiful mottled green. Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet.

—**Cole's Early.** An early variety, of medium size, almost round in shape, green, striped a lighter shade. Thin rind, bright red flesh, of a delicate texture.

—**Peerless.** A grand favorite and standard variety. Superior in every respect. Has beautiful crimson core which is always fine grained and cannot be surpassed in flavor.

—**Phinney's Early.** It is sweet, of good size and very productive. Its market qualities are the very best; flesh is red, sweet and luscious.

CITRON (PRESERVING)

—**Citron, Green.** Standard everywhere for making preserves. Striped, round in shape. Makes the most beautiful, delicious, clear, transparent preserves. It grows wonderfully prolific. Pkt. 10c, oz. 25c, ¼ lb. 75c.

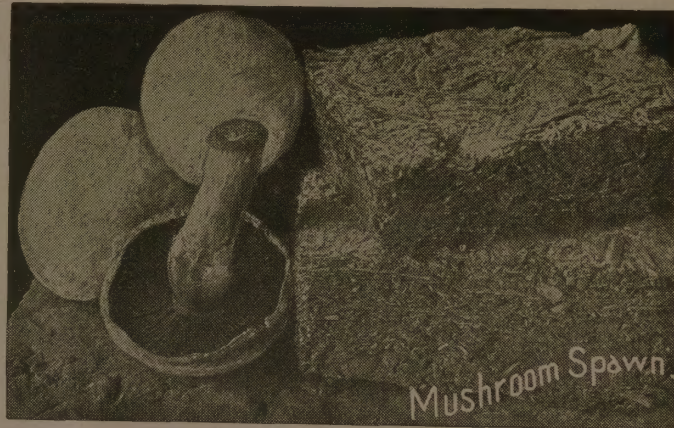
—**Colorado Mammoth.** This is quite distinct from the ordinary preserving Citron, immensely productive. The flesh is very firm and solid, with few seeds. The preserving qualities are the very finest. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Mushroom Spawn

The cultivation of the mushroom is not generally understood. We have so many inquiries regarding cultivation of Mushrooms that we have prepared and published an eight-page pamphlet, written by a practical grower, which gives in a concise form all necessary information for the successful raising of the best Mushrooms. The pamphlet will be sent free to anyone interested.

—**Lambert's Pure Culture Spawn "Standard."** This is an American make of spawn, the method having been discovered by a scientist in 1903. It produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of "GRAFTING," only large and vigorous specimens of Mushrooms being used for this purpose. By mail, postpaid, per brick 50c, 5 bricks \$2.00. By express at purchaser's expense, per brick 30c, 5 bricks \$1.25.

—**Lambert's American "Direct" Pure Culture.** By mail, postpaid, per brick 55c, 5 bricks \$2.25. By express at purchaser's expense, per brick 35c, 5 bricks \$1.50.



MUSTARD Sow thickly in drills 8 to 10 inches apart, in rich, loamy soil, covering the seed half an inch deep. When young, the leaves are used in salad, and in more advanced stages, as greens in the same way as Spinach. Sowing for succession may be made from April to July.

—**Mustard, English White.** The best for salads. Seeds are always used for mixing with pickles and for preserving cider. Pkt. 10c, oz. 25c, ¼ lb. 75c.

—**New Chinese.** The leaves are twice the size of the ordinary White Mustard, flavor sweet and pungent. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Free with Every Order: Steele, Briggs' Amateur Gardeners' Guide. Pointers on How to Grow Vegetables and Flowers from Seeds. Hints on Lawn Making. Insect Remedies, etc., etc.

ONIONS

FRENCH, OGNON.

ITALIAN, CIPOLLO.

An ounce will sow 100 feet of drill. Four to five pounds to the acre. Our Onion Seed has a splendid reputation, and no pains will be lacking to maintain its present high standard.

The Onion thrives best in a deep, rich, loamy soil; the best culture requires that the ground should be deeply trenched and manured the previous autumn. As early in the spring as the ground is in working order, sow thinly in drills about a quarter of an inch deep, and 1 foot apart; cover with fine soil.

Steele, Briggs' Giant Yellow Prizetaker

The largest Onion grown from American seed—in size it is not excelled by the enormous varieties from Spain. It has been on the market for several years, and is recognized as one of the best standard varieties. It excels in yield, in size; the flavor is mild and tender, and keeping quality good. The shape is a handsome globe with small neck, skin thin, of a bright straw color. The flesh is a pure white and fine grained. The Onions grow to an immense size, measuring from 12 to 16 inches in circumference. By sowing early in hot-bed and transplanting, mammoth bulbs may be raised. Pkt. 10c, oz. 40c $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Southport Yellow Globe

A very popular and satisfactory variety for either family or market garden growing. A truly grand Onion of handsome form and beautiful appearance, the color being a golden yellow. It is a very hardy variety and a reliable yielder, producing up to 1,000 bushels per acre. The shape is very uniformly deep, globular and large. The flesh is snow white, firm, mild and juicy. Our strain produces, as a rule, small necks, ripens down evenly, and the Onions keep extra well. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Steele, Briggs' Prize Yellow Globe Danvers

There is probably more of this variety grown than any other. It is a splendid Onion. Our strain of this popular Onion cannot be surpassed—our seed being grown by the most careful specialist known, and in a section that produces the very best seed of Onion, giving bulbs of small neck and good keeping quality. Onion seed produced in some countries is inclined to grow thick necks. We know this by our comparative tests—we avoid all seed but the very best grown. This costs more but it is worth it. Yellow Globe is a fine brown, orange yellow outside with pure white flesh, solid and good quality. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Yellow Globe Danvers

Early round, very small neck, fine grained, mild flavor, immensely productive, and an excellent keeper and is excellent for shipping. A popular sort with market gardeners and other large growers. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.95.

Early Flat Yellow Danvers

A productive and very extensively used early or main crop variety of medium size. The skin is light coppery yellow in color. The flesh is creamy-white, mild and of excellent flavor. The bulbs are flattened yet quite thick with small necks, ripen down quickly and very evenly and keep very well. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 95c, lb. \$3.50.

Southport White Globe

A beautiful Onion of symmetrical globe shape, with a smooth satin-white skin, forming a perfect silver ball. It grows to a large size, averaging 7 to 8 inches in circumference, and is solid and heavy; the flesh is purest white, close and fine-grained, mild and of delicate flavor. It is a heavy cropper, yielding under good culture up from 500 to 700 bushels per acre. Our strain of this seed ripens so uniformly and cures so thoroughly that the Onions keep nearly as well as the Red and Yellow varieties. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

White Portugal

This is a medium sized Onion of mild flavor and with beautiful, clear white skin. The variety is a favorite with many for use when young as a salad or bunching onion and for pickles. It usually matures about ten days earlier than white Globe and is fine for fall and early winter use. It is an excellent medium early sort for gardeners who do not care to plant more than one variety. The bulbs are nearly round when of bunching size, somewhat flattened when mature. This is the best flattened white Onion for northern latitudes. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.



STEELE BRIGGS' GIANT YELLOW PRIZETAKER

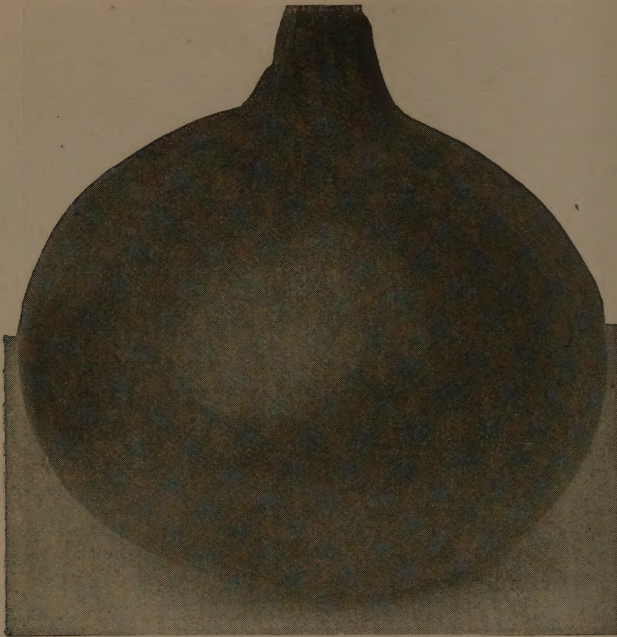


STEELE BRIGGS' PRIZE YELLOW GLOBE DANVERS.

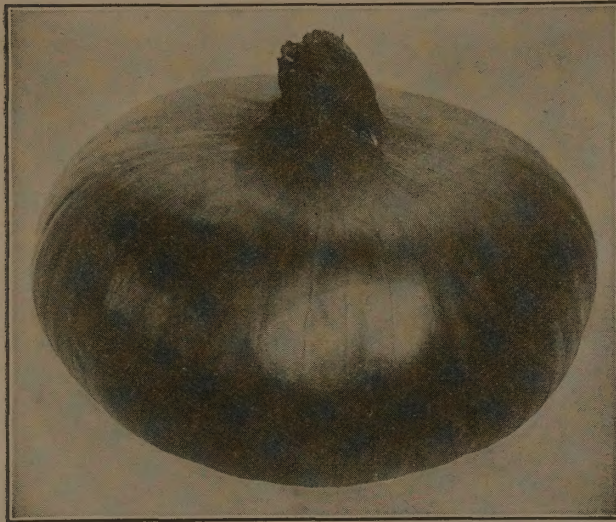


EARLY FLAT YELLOW DANVERS.

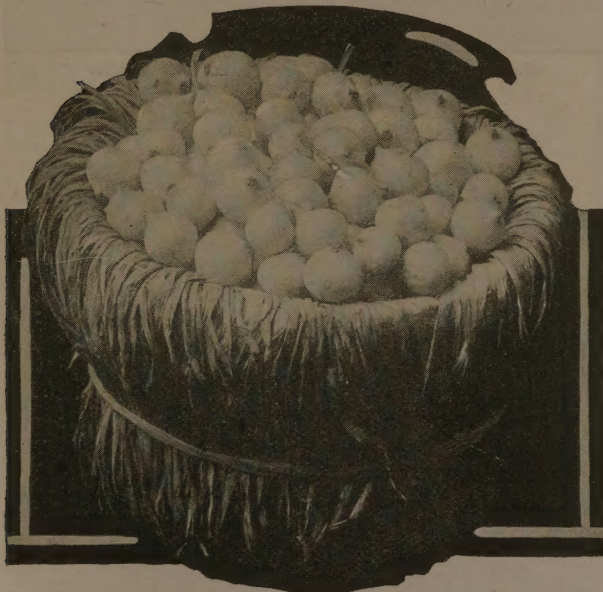
We deliver Free all Seeds, Bulbs and Plants at Prices Quoted, except where noted.



STEELE, BRIGGS' PRIZETAKER RED GLOBE



RED WETHERSFIELD



SMALL SILVERSKIN

ONIONS—Continued

Steele, Briggs' Prizetaker, Red Globe

A new, large, handsome Onion, 9 to 10 inches in circumference, globular in shape, of a rich, dark red color, very solid and pleasant flavored. In uniform growth, earliness and color, a decided leader. A grand exhibition variety, and an enormous crop producer when properly grown. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$4.20.

LARGE RED WETHERSFIELD

The Wethersfield Onion is the most largely grown red variety and, as a heavy yielder and a good keeper, has no superior. The stock we offer is most carefully grown for us and we know there is no better strain raised anywhere as far as purity, beautiful form and color are concerned, and in earliness, productiveness and long-keeping qualities it far exceeds all others. Large size bulbs, of a round but somewhat flattened shape; deep red skin; flesh purplish white, flavor is good, admirable for boiling. It matures fairly early, and is a fine keeper. The best variety for poor and dry soil, but succeeding on all soils. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.

EXTRA EARLY FLAT RED

Similar to the Wethersfield; as large, and having the advantage of being a little earlier. A standard American Onion, adapting itself to a great variety of soils and situations, succeeding even in cold, mucky ground where other sorts fail. It matures earlier than the Red Wethersfield, and in rich soils grows almost as large, is also somewhat flattened and very similar to that variety. With proper culture it produces fine, marketable Onions in 90 days from the time of sowing the seed. It is of mild flavor and keeps well. The Onion is solid and heavy, fine and close-grained, and of a deep, rich red color. It is hardy and reliable, and well adapted for the early market. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$4.20.

ONIONS (FOREIGN)

Reliable seed very scarce, crop practically a failure.

The following varieties have been tested in this country and have given perfect satisfaction. The flavor of the Italian varieties is mild, and they are in every way well adapted for culinary purposes.

Onions, Early Barletta. A very early maturing, small, pure white variety, having a very delicate silver skin; flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. For pickling purposes it is unequalled. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.25.

—Mammoth Silver King. When sown early in hot-bed and transplanted into good rich garden soil it will produce large flat shaped bulbs with a skin silvery white; flesh pure white, exceptionally mild, delicate flavor. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

—Early White Queen. A silver-skinned variety, of quick growth and remarkable keeping qualities. Particularly valuable for pickles. If sown in July thickly they will mature perfect hard onions usually from $\frac{1}{2}$ to $\frac{3}{4}$ of an inch in diameter. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.25.

—Small Round Silverskin. Pickling, a small French variety, used extensively for pickling; very early. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.25.

—Welsh Red. Skin reddish-brown, and remarkably hardy; used for fall-sowing. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

—White Welsh. Skin white; a hardy sort; used for fall sowing. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

—Giant White Italian Tripoli. Large size, beautiful form, round and flattish in shape and of a nice mild flavor, fine white skin. First season will grow an onion from 1 to 1 $\frac{1}{2}$ pounds. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.25.

We Deliver Free all Seeds, Bulbs and Plants at prices quoted except where noted.

ONION SETS Special Prices by the Bushel on Application.

Prices for Onion Sets are based on market values at time of sale; we therefore are unable to quote bushel prices now. As Onion Sets are liable to injury from frost, we do not send them until safe in spring.

YELLOW DUTCH SETS

Our stock is of the best variety—as we grow them ourselves we know just what they are. They are sound, hard, clean, and the best size. Onion Sets are planted largely for green onions, but they are also grown to produce a big Onion for fall and winter use, and large crops are commonly obtained that way. We have had yields reported of over 600 bushels per acre. To grow for large bulbs, about 300 lbs. of our choice sets is sufficient seed for an acre. For green onions from 600 to 1,000 lbs. of sets per acre may be used. Lb. 35c, 5 lbs. \$1.70, prepaid.

WHITE DUTCH SETS

Small, solid, and being pure white produce beautiful silvery green Onions for bunching. They are a great favorite with many market gardeners. Excepting color they are similar to the Yellow Sets. Sometimes the size is a little larger. Not being as firm and close grained as the Yellow, we do not recommend our customers to grow these for winter use, as they do not keep as long as the Yellow, but are considered superior to the Yellow for early use, as they mature quicker. Lb. 40c, 5 lbs. \$1.90, prepaid.

Shallots. Prepaid, lb. 30c, 5 lbs. \$1.40.

English Multipliers or Potato Onions. Prepaid, Lb. 35c, 5 lbs. \$1.70.

Garlic Sets. By mail, postpaid lb. 50c.



PEPPER

FRENCH, PIMENT.
ITALIAN, PEPPERONI.

Prices, except where noted, per packet 10c, per ounce \$1.00

The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seeds should be sown early to be ready for transplanting when the weather becomes warm.

Pepper, Chinese Giant. The compact plants are very prolific, setting 3 to 4 extra large fruits at the base quite early in the season; the fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. Pkt. 10c, oz. \$1.25.

Large Long Red. Pods brilliant red, and 3 or 4 inches in length; very productive.

Ruby King. A handsome and very productive variety; fruit from 4 to 6 inches long. When ripe, they are bright ruby red; remarkably mild and pleasant. Pkt. 10c, oz. 25c.

Celestial. One of the most useful varieties for culinary uses. Each Pepper is beautifully variegated with bright golden and deep red, sometimes striped or variegated.

Chili. Small and prolific for pepper sauce.

Golden Dawn. A type similar to Bull Nose, but of a golden yellow color with a sweet flavor.

Monstrous. A popular French variety, growing 6 inches long by 2 inches thick; sweet flavor. Pkt. 10c, oz. 25c.

Procopp's Giant. Uniformly large, of brilliant scarlet color, and in flavor, just pungent enough to be pleasant. Pkt. 10c, oz. 25c.

Sweet Spanish or Mountain. A large and early variety; mild and pleasant; less pungent than other varieties. Pkt. 10c, oz. 25c.

Long Red Cayenne. Fruit brilliant coral red, conical, acrid, productive.

Improved Bull Nose. A large red variety of mild flavor.

PUMPKINS

FRENCH, POTIRON,
ITALIAN, ZUCCA,

1 oz. will plant 15 hills; 1½ lbs. for an acre.
Prices on Pumpkins are postpaid.

Easily grown, profitable for stock feeding. At corn planting scatter a few seeds in the hills; for a large crop sow in May in good soil in hills 10 to 12 feet apart each way.

Pumpkin, Jumbo or Mammoth King. Color of skin deep yellow, flesh of a light shade resembling a squash. Pkt. 10c, oz. 40c, ¼ lb. \$1.25.

Grey Mammoth. French variety, an enormous size, specimens have weighed 200 lbs.; used mainly for stock feeding; oblong in shape, greyish-colored rind and very large seeds. Pkt. 10c, oz. 40c, ¼ lb. \$1.25.

Large Cheese or Kentucky. One of the best for table use, productive, skin orange, flesh yellow and sweet. Pkt. 5c, oz. 25c, ¼ lb. 75c.

Japanese Pie. Crook-necked variety; small seed cavity; nearly all solid meat; quality extra fine; productive, ripens early; medium size good keeper. Pkt. 10c, oz. 30c, ¼ lb. 90c.

Pumpkin, Sweet or Sugar. Small, fine grained and sweet. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Connecticut Field. Productive, grown for stock feed. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

PARSLEY

FRENCH, PERSIL
ITALIAN, PASTINACA

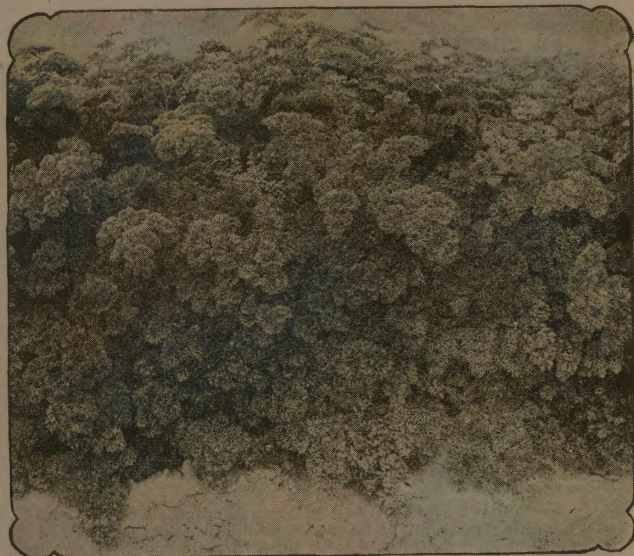
One ounce for 100 feet of drill.

Soak the seeds a few hours in warm water as they germinate very slowly, and sow very early in the spring in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame.

Parsley, Champion Moss Curled. Very select stock, leaves crimped and curled. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

Fine Triple Curled. A dwarfish curled variety, hardy, slow in running to seed. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

Turnip Rooted. The roots resemble a small parsnip, and are the edible portion of this variety. It is valuable for flavoring soups, etc. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.



CHAMPION MOSS CURLED PARSLEY

We deliver free, all Seeds, Bulbs and Plants except where noted.



GRADUS PEAS

MEDIUM or SECOND EARLY PEAS

—**Horsford Market Garden.** (4 feet). A grand wrinkled variety. It is a prolific bearer, pods of medium size, 2½ inches long, and peas of delicious flavor. A grand variety for canning. Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

—**McLean's Advancer.** (2 feet). Green wrinkled variety; broad, long pods of fine flavor and productive. Largely used among canners. Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

MAIN or LATE CROP PEAS

—**Improved Stratagem.** (2 feet). A semi-dwarf variety. One of the very best. A heavy cropper, and produces remarkably well-filled pods of large size, long and pointed, deep dark green, and of excellent flavor. Pkt. 10c, ½ lb. 20c, 1 lb. 50c, 5 lbs. \$2.25.

—**Champion of England.** (5 feet). One of the richest and best flavored Peas grown; very productive. Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

—**Telephone.** (4 feet). The Telephone has become the leading Pea with market gardeners whose trade appreciates fine appearance and high quality. Vines vigorous, growing about four feet high, with large, coarse, light colored leaves, and producing an abundance of very large pointed pods filled with large peas which are tender, sweet and of excellent flavor. Pkt. 10c, ½ lb. 20c, 1 lb. 45c, 5 lbs. \$2.00.

—**Yorkshire Hero.** (2 to 3 feet). A splendid main crop Pea; very prolific; pods finely flavored, about 3 inches long, filled with large size peas, remaining a long time in a fit condition for use. A great cropper. Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

PEAS

French, Pois

Italian, Pisello

Sow 1 lb. to 100 feet of drill, 2 bushels for an acre. Sow Peas in drills not less than 4 inches deep, in warm, well-enriched soil. The drills must not be nearer than 2 feet, except for the dwarfed sorts. Those growing three feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. The large, fine wrinkled varieties are not as hardy as the small sorts, and if planted very early should have a dry soil or they are liable to rot. It is well to sow the earliest Peas as soon as possible; in 2 or 3 weeks after make another sowing—a few more for early and some for late crop. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing.

EXTRA EARLY PEAS

PEAS—Steele, Briggs' Best Extra Early, (2 feet). White, dented. This "First of All" Pea possesses all the qualities most essential for a first-class variety, being extra early, ripening with great uniformity in about 45 days. Pods contain from 5 to 7 medium sized peas. Price, Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

—**Alaska.** (2½ feet). This blue Pea has become a standard variety, the earliest of all blue Peas and of excellent quality. A splendid sort for canners. Pkt. 10c, ½ lb. 20c, 1 lb. 40c, 5 lbs. \$1.80.

—**American Wonder.** (9 to 12 inches high). Very prolific, bearing pods well filled, of medium size, 2½ to 3 inches long. Green wrinkled. One of the earliest; finest quality, productive, of dwarf, compact growth; a favorite with market gardeners and home use. Pkt. 10c, ½ lb. 20c, 1 lb. 45c, 5 lbs. \$2.00.

—**Notts' Excelsior.** (12 inches). The best early, dwarf pea. It combines the good qualities of the American Wonder and Premium Gem Peas. The vines are larger and more productive than American Wonder and earlier than Premium Gem and average about twelve inches high. Pods medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. Pkt. 10c, ½ lb. 20c, 1 lb. 45c, 5 lbs. \$2.00.

—**Premium Gem.** (15 to 18 inches). Nearly as early as the American Wonder, and the vine is decidedly larger, bearing an immense crop of the best quality, about 2½ inches long. Pkt. 10c, ½ lb. 20c, 1 lb. 45c, 5 lbs. \$2.00.

—**Gradus.** (30 inches). The pods are of a bright green color, and measure 4 inches or more in length; 8 to 10 in a pod, are of first-class table quality and retain their color and attractive appearance after cooking. Quality excellent. Pkt. 10c, ½ lb. 20c, 1 lb. 50c, 5 lbs. \$2.25.

—**Thomas Laxton.** An early wrinkled variety. Vine 3 to 3½ feet high, similar to Gradus but darker in color. Pods large, with square ends, filled with medium size bright green peas of good flavor, an excellent yielder. Pkt. 10c, ½ lb. 20c, 1 lb. 50c, 5 lbs. \$2.25.



STRATAGEM PEA

We deliver free all Seeds, Bulbs or Plants except where noted



LONG, SMOOTH OR HOLLOW CROWN PARSNIPS

PARSNIP

FRENCH, PANCAIS.

ITALIAN, PISELLO.

1 oz. per 200 ft. of drill; 5 lbs. in drills for an acre

They do best on deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich; fresh manure is apt to make the roots coarse and ill-shaped. As seed is sometimes slow to germinate, it should be sown as early as possible, in drills 20 inches to 2 feet apart; cover $\frac{1}{2}$ inch deep, and press the soil firmly over the seed, give frequent cultivation.

Parsnips, Elcombe's Giant. The largest, handsomest and best variety grown; of excellent quality, very sugary. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

—Long, Smooth or Hollow Crown. One of the best Parsnips grown. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

—Guernsey, or Student. Half-long; the roots do not grow so long as the Hollow Crown, but are larger in diameter, and are more easily gathered. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

Selected Seed Potatoes

SHIPPING—We begin sending out Potatoes as early in Spring as safe from frost. Quotations at peck, bushel and bag (90 lbs.) include cost of bags, but carriage must be paid by purchaser. When ordering please state if to be shipped by express or as freight, and name station to which they are to be sent. A bag of potatoes can be shipped by freight for about the same cost for carriage as a smaller quantity.

"EUREKA" EXTRA EARLY

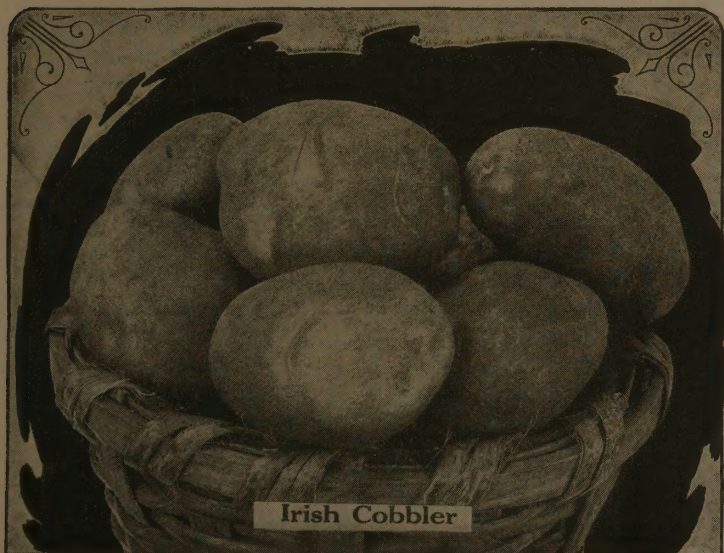
An extra early variety, producing fine large tubers (not marbles and seconds) as early or earlier than any other potato in cultivation. The vines are dwarf and compact in growth, with healthy dark green foliage which has never shown any signs of blight. It is about three days earlier than Burpee's Extra Early, is an excellent keeper for so early a potato. The firm, white flesh is of fine flavor when cooked. Price, (lb. 25c, postpaid), bag of 90 lbs. \$3.50.

IRISH COBBLER EXTRA EARLY HEAVY YIELDER THE GARDENERS' FAVORITE

Is a grand early potato of medium large size, and in light soil, does its best for earliness, in which it matures almost as early as the smaller cropping Earlies. The demand for more early potatoes makes a virtue of the necessity to plant varieties that yield bigger crops than the Earlies which yield small crops. Irish Cobbler, although not so fine-grained in flesh as some other sorts described here, yet it is always a very popular seller. Its size, shape, good quality and elegant appearance have given it a very wide popularity and it usually secures a better price, side by side with standard Earlies. To our customers who find it necessary to cater to a growing demand for more Early potatoes we commend this sort as a money-maker and trade-winner. Price, pk. 75c, bu. \$2.50, bag 90 lbs. \$3.25.



PHOTO OF EARLY EUREKA POTATOES



Irish Cobbler

DELAWARE THE HEAVIEST MAIN OR LATE CROP YIELDER

It is productive to an extraordinary degree. The tubers are bunched closely in growing, which materially lessens the labor of harvesting. The potato itself is of the size and shape best liked in nearly all markets. The skin is of a bright light russet color. Eyes are few and nearly flush with surface. In quality no potato can surpass it; in fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry and floury nature, has made it a prime favorite. Bus. \$3.25, bag \$3.00.

GOLD COIN

One of the best varieties for winter storing. Shallow eyes. Excellent quality and heavy yielder.

The tubers are of good size and lie closely together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth and glossy, of a light golden tint, having just sufficient coloring to distinguish it from the white-skinned varieties. The flesh is fine-grained, of a pure pearly whiteness, and cooks to a dry floury whiteness. Its vigorous growth and great productiveness make it the most profitable variety for the planter, and its great solidity, smooth regular form, and unequalled table quality will make it the most popular and quickest selling on the market. Lb. 25c, postpaid. By express or freight, peck (15 lbs.) 75c, bus. (60 lbs.) \$2.50, bag of 90 lbs. \$3.25.

RADISH

FR. *Radis Rave Petite et Longue.*
ITAL. *Ravanello.*

Radishes thrive best in light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot beds during the winter and early spring, or later on in sheltered borders, in well manured, deeply dug, well raked soil; if not well stimulated into a rapid growth they become fibrous and tough; sow in drills 10 inches apart and thin to two inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August; like the turnip, they make the best growth in the autumn, and must be taken out before the severe frost, and stored away in a cool cellar in sand or in a pit.



EARLY ROUND, OR TURNIP SHAPED RADISH

Price following varieties
pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.20.

Radish, Earliest Deep Scarlet Turnip, White Tip. (Forcing) A small, round, turnip-shaped Radish of bright scarlet, distinctly tipped with clear white. Ready to pull in 15 to 20 days after sowing.

—**Early Scarlet Turnip, White Tip.** (6) Handsome bright scarlet color with white tip. Many gardeners make a sowing of it every two weeks.

—**Early Scarlet Turnip.** (3) Very early, in great demand for home use; small round with short top.

—**Rosy Gem.** (Forcing) One of the earliest, perfectly globular, color rich, deep scarlet at the top, blending into pure white at the bottom.

—**Crimson Globe.** A fine bright Radish, growing quickly to large size. This Radish is a deep globe in form; two inches in depth; one and a half inches in diameter, with thin, tender skin of a deep crimson. The flesh is purest white, crisp and of mild flavor.

—**Early Scarlet Globe.** A selected forcing strain especially adapted for greenhouse and hot bed culture, but may be grown outdoors also with the best results, the shape is a little longer than round and the color, which it holds long after pulling, is very brilliant and attractive. Has a small top and is very early. The flesh is white and tender making it desirable for gardeners whose markets demand a large first early radish.

—**Early White Turnip.** (4) Pure White with small top, flesh pure white and semi-transparent.

—**Ne Plus Ultra.** Roots, small round, deep scarlet, crisp and tender; white flesh.

EARLY OLIVE-SHAPED RADISH

—**Olive-shaped Earliest, Deep Scarlet, White Tip.** (2) (Forcing) Mild and tender and one of the best for forcing; oval form, scarlet tipped with white.

—**French Breakfast, White Tipped.** (7) Of quick growth, mild and tender, one of the best for forcing; oval form, scarlet tipped with white.

—**Early Scarlet, Olive-shaped.** (5) Skin scarlet, neck small, flesh rose-colored, tender and excellent; early and well adapted to forcing or general crop.

—**Early White, Olive-shaped.** (1) Like the olive-shaped varieties in everything except color.

LONG EARLY AND SUMMER RADISH

—**Early Long Scarlet, Short Top.** The leading out-door quick-growing variety, grown in rich, light soil; its average length is about 8 inches, grows half out of the ground, straight, uniform in color, brittle and crisp, bright scarlet, small tops.

—**Improved Chatter, Scarlet White Tip.** Color of the top is scarlet rose, shading into a pure waxy white at the tip.

—**Early Half-long Deep Scarlet or Paris Beauty.**

—**Long Scarlet Improved.** Long, bright scarlet, with small tops.

—**Ice-ice.** Makes fine radishes, about 3½ inches long, and a half-inch in diameter in three weeks from time of sowing the seed. Beautiful transparent white. Very crisp and brittle.

WINTER VARIETIES—RADISH.

Price following varieties,
pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.20

—**California Mammoth White.** 8 to 12 inches long, white, solid, good flavor.

—**Rose or Scarlet China.** Certainly one of the best,

—**Long Black Spanish.** The popular winter sort.

—**Round Black Spanish.** Like the above, except in shape.

—**Chinese White.** Stump-rooted; 6 inches long, fine for winter.

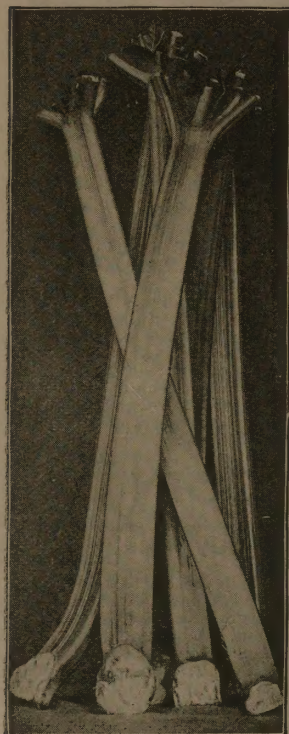
RHUBARB

FR. *Rhubarbe.*

Sow in drills an inch deep, and thin out the plant to six inches apart. In the fall transplant the young plants into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. Stalks should not be plucked until the third year. Never allow the plant to exhaust itself by running to seed.

—**Rhubarb, Johnston's St. Martin.** The finest and one of the earliest, an enormous size; the flavor is superior and requires less sugar than any other variety; color delicate pink. Pkt. 10c, oz. 35c, ¼ lb. \$1.00.

—**Victoria or Giant.** Stalks, red, thick, large, tender, of good quality. Pkt. 10c, oz. 35c, ¼ lb. \$1.00.



RHUBARB

FRENCH,
EPINARD.

SPINACH

ITALIAN,
SPINACE.

Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use sow in August, and protect with a covering of straw during cold weather. Sow 1 ounce to 100 feet of drill, 12 lbs. per acre. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75, postpaid.

Spinach, Victoria, Long Standing. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and of the finest quality.

—**Bloomsdale, Savoy Leaved.** The leaves are numerous, succulent, curled and wrinkled like a Savoy cabbage, and it is also the hardiest of all the varieties.

—**Round Thick-leaved, Summer.** Producing large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time.

—**Monstrous Round-leaved Viroflay.** Resembles the preceding in shape of its leaves, but it is much larger.

—**Prickly Seeded.** One of the earliest to mature and is most generally used for fall sowing.



BLOOMSDALE SPINACH



SALSIFY or OYSTER PLANT

FRENCH, SALSIFIS. ITALIAN, SASSEFRICA.

Sow early in spring in drills 15 inches apart; cover the seeds with fine soil an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart.

Mammoth Sandwich Island. Of extra large size, and fully equal in quality to the popular old variety, Long White. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$1.75, postpaid.

SQUASH

Prices are postpaid. One ounce for 50 hills.

The Squashes are of tropical origin, and therefore it is useless to plant them until the soil is quite warm and all danger of frosts and cold nights is over.

SUMMER VARIETIES. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

Squash, Golden Bush, Scalloped. Deep orange color, grown for first crop, esteemed for earliness, fine grained and of excellent quality.

—**White Bush, Scalloped.** Like the above, except in color which is creamy white.

—**Giant Summer Crookneck.** This variety is much similar to the old Summer Crookneck, but is very much larger, and considered to be of a more buttery flavor than the ordinary sort. They are fully twice the size, and produce fruit of a deeper yellow color, exceedingly early and very productive.

VEGETABLE MARROWS

English Vegetable Marrow. Skin greenish yellow, flesh white, soft and rich flavor, quite distinct. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c.

—**Long White Bush.** Longer than preceding, creamy white, good quality. Profitable market sort. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

AUTUMN and WINTER SORTS

Squash, Essex Hybrid. Richest flavored, finest grained and sweetest of the squash family; the very best keeper. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

—**Mammoth Whale.** This Squash produces most magnificent mammoth squashes. They are often three feet long, of a dark rich color, and sometimes weigh over 100 pounds. Its greatest diameter is near the blossom end and tapers towards the stem end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale; very prolific, the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt. 10c.

—**Boston Marrow.** A good, tender, rich variety, for fall and winter, very productive. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

—**Hubbard, Improved.** More largely grown as a winter sort than any other, of large size; flesh fine grained, dry and of excellent flavor. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.00, postpaid.

—**Warty Hubbard.** This wartiness indicates a very hard shell, one of the very best features in a long keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard Squash is, the more delicate and sweet the flesh will be found. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.00, postpaid.

—**Red or Golden Hubbard.** Is a bright, deep orange-yellow; flesh, deep golden yellow; much richer color than Hubbard, fine grained, cooks very dry and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels the old variety. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

—**Early Prolific or Orange Marrow.** Very early, brilliant orange-red. Good cooking and keeping qualities make it popular with the consumer. This variety cannot be surpassed for the West. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

SANDWICH
ISLAND
SALSIFY

VEGETABLE MARROW

We Deliver Free all Seeds, Bulbs and Plants, except where noted.

TOMATO

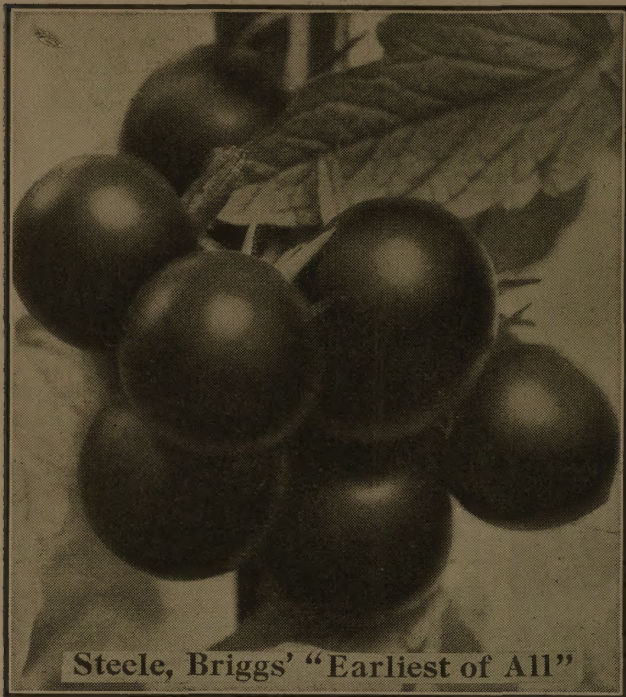
FRENCH, TOMATE

ITALIAN, POMO D'ORO

1 oz. for 1,500 plants.

¼ lb. (to transplant) for an acre.

Sow the seeds in the middle of March or April in the hot-bed or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about 2 or 3 inches high. When 5 or 6 inches high, if the ground has become warm, transplant to the open ground. Set the plants 4 feet apart.



Steele, Briggs' "Earliest of All"

Following varieties (except where noted) each, pkt. 10c, oz. 60c, ¼ lb. \$1.75, postpaid.

EARLY VARIETIES

STEELE, BRIGGS' EARLIEST OF ALL

Is unqualifiedly superior to any other early Tomato grown. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called "Earlies" are ripening only a few. The fruits are of good size, brilliant scarlet in color, perfectly round, smooth and remarkably handsome. The flesh is solid, of perfect flavor and free from acidity.

CHALK'S EARLY JEWEL

A great favorite with market gardeners. The largest, smoothest, and finest flavored early Tomato in cultivation. Within a week or ten days as early as the famous Earliest Of All; it is even a heavier cropper, with tomatoes of larger size and sweeter flavor. The large, handsome fruits are very solid and deep through, being almost round or ball-shaped. Color, brightest scarlet, ripening right up to the stems without any cracks or green core.

"BONNY BEST"

Nearly as early as Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced continuously throughout the season. Of compact growth, the plants are fairly loaded with fruit. The tomatoes are uniformly of good size. The large, handsome fruits are very solid and deep through, being almost round. Color brightest scarlet, ripening right up to the stem without any cracks or green core. The thick flesh is very solid, with comparatively few seeds, and of fine sweet flavor; skin thin but sufficiently strong to make it a good shipper. Pkt. 10c, oz. 60c.

—Byron Pink. One of the earliest; not only ripens its first fruits, but a large proportion of crop earlier than any other sort, valuable to all with whom earliness is an object.

—New Earliana. One of the earliest tomatoes in existence. Handsome in appearance, very productive, of finest quality and of bright red color. Fruits ripen uniformly and are of good size. Splendid for market garden trade.

—June Pink. Grows similar to Earliana. Fruit hangs in clusters of 6 to 10 fruits. Shows no tendency to blight. The uniform, smooth, attractively shaped, bright pink tomatoes do not crack and are without any green core. Ripens a few days later than Earliana. Pkt. 10c, oz. 60c, ¼ lb. \$1.75.

—Atlantic Prize. One of the earliest; not only ripens its first fruits, but a large proportion of crop earlier than any other sort, valuable to all with whom earliness is an object. Fruits are smooth and of a bright red color.

—Early Ruby. One of the earliest of all large-sized tomatoes, which combines good form, color and solidity.

(John Baer and Livingston's Globe, see page 6)

MAIN CROP VARIETIES

—Ignotum. Very prolific, earliest of large red smooth sorts.

—Favorite. One of the handsomest; very smooth, good yielder.

—Imperial. Highly recommended by leading growers. Pink and smooth. Large size and heavy yielder.

—True Ponderosa. This grand variety is the monster of the Tomato family, the tomatoes often weighing 2 to 3 pounds each; of a rich bright crimson color and all solid meat; exceptionally free from seeds. Pkt. 10c, oz. 75c, ¼ lb. \$2.50.

—Dwarf Champion. Distinct in foliage and habit; compact and upright, fruits early.

—Plentiful or Magnus. The fruit, borne in clusters, is very uniform, quite round, but slightly flattened at stem and blossom end, and of phenomenal solidity; even the seeds—which are surprisingly few—are imbedded in flesh of meaty firmness, in marked contrast to the cavities of watery pulp so usual in most other varieties; the color, a rich, glossy blood-red crimson, permeates the flesh to the very heart, leaving no hard core inside the fruit.

—Dwarf Stone. The Dwarf Stone is fully double the size of Dwarf Champion, and equally as early. It is very prolific, and consequently more productive than that variety. The shape of the fruit is perfect with a good skin, bright scarlet color, and free from cracks at the stem end.

—Golden Queen or Sunrise. Smooth, solid and productive. Color, a beautiful yellow; none better for preserving.

—Success. On account of its brilliant red color, depth and solidity, it is the handsomest tomato we have ever seen.



TOMATO, BONNY BEST

FANCY AND PRESERVING SORTS

Tomato, Strawberry, or Barbadoes Gooseberry. A distinct variety; the fruit has a juicy pulp of a pleasant strawberry-like flavor; with the assistance of lemon juice it is frequently preserved like plums. Pkt. 10c, oz. \$1.00.

—Pear-shaped Yellow, Yellow Cherry, Red Cherry, Yellow Peach, Yellow Plum. Pkt. 10c, oz. \$1.00.

FRENCH, NAVET
ITALIAN, NAVONE

TURNIP

Sow Two to Three Pounds in drills to an acre. 1 oz. for 150 feet of drill.

For Early Turnips, sow as soon as the ground is dry enough. Fall Turnips may be sown from the first week in July to the first of August. Swedes should be sown in June or early in July, in drills 18 inches apart. Turnips should be thinned when large enough, 6 to 9 inches apart in the drills, according to size. **Please note: Prices quoted are carriage or postpaid.**

Turnip, Extra Early White Milan. Variety remarkably early. Tops very small, strap leaved, upright and compact, so that rows can be planted close together. Roots clear white, very smooth, flat and are of best quality when only about two inches in diameter. Flesh clear white, mild, sweet and tender. Very desirable for early use. Pkt. 10c, oz. 40c, ¼ lb. \$1.20, postpaid.

—Extra Early Purple Top Milan. Similar to Extra Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. Pkt. 10c, oz. 40c, ¼ lb. \$1.20, postpaid.

—Early Snowball or Model. An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small, with leaves distinctly cut. The flesh is clear white, firm, fine-grained and sweet. The roots, when in best condition for use, are usually about two inches in diameter and about three and one-half inches long. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.

—White Globe Purple Top. It is globular of beautiful appearance, of most excellent quality, Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

—Large Amber Globe. Flesh yellow; fine-grained and sweet, color of skin yellow, with green top. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

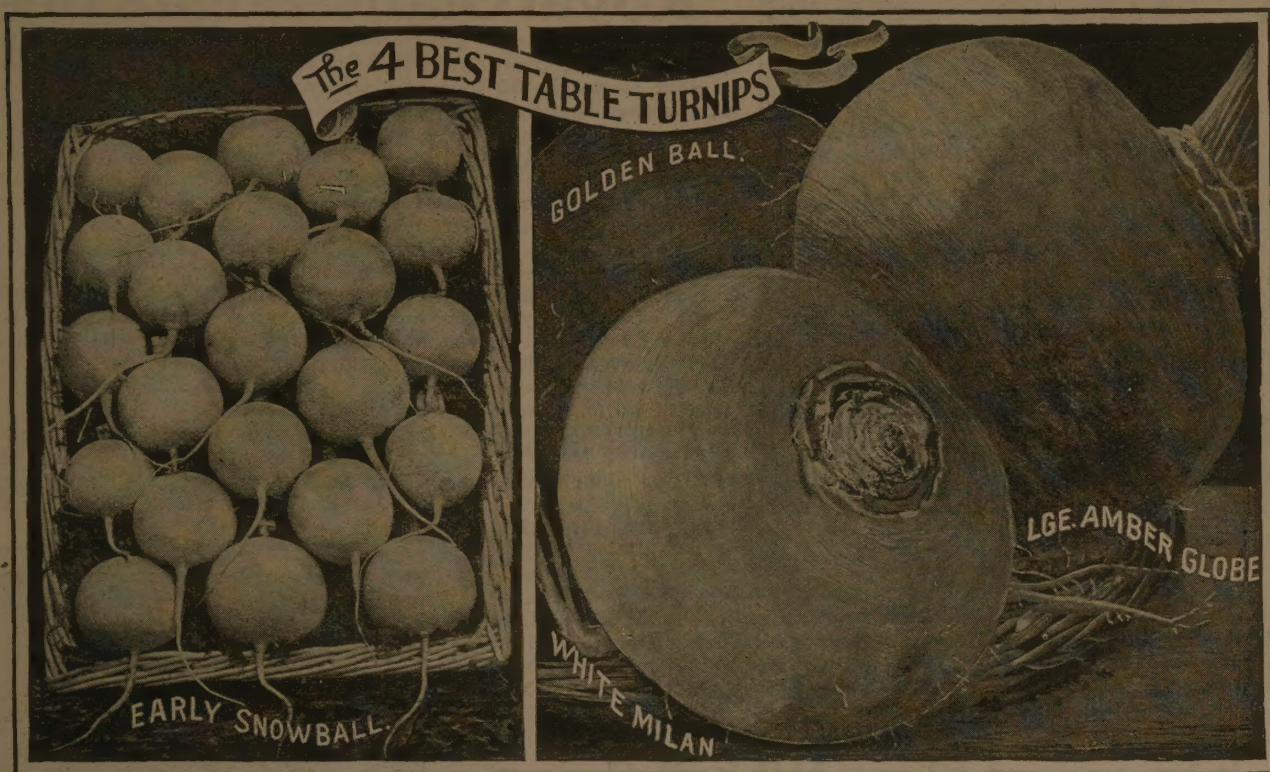
—Orange Jelly or Golden Ball. A distinct variety, one of the most delicately flavored of the yellow fleshed turnips. The tops are small. The roots are medium sized, round, very smooth and with deeper yellow skin than most of this class. The flesh is firm, crisp and of most excellent quality. The roots are in best condition for table use when about three inches in diameter. This variety is of quick growth, adapted to spring as well as fall planting, and keeps exceptionally well. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.

—Red Top, Strap Leaf. Rapid grower and of mild flavor; the most popular variety. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

—White Six Weeks. Very early, fine shape, small top and excellent flavor. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

—Early White Flat Dutch, Strap Leaved. Roots medium sized, flat, white and sweet. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.

—Hasard's Swede. This is undoubtedly the finest Swede for table use, juicy and exquisite flavor. Pkt. 10c, oz. 25c, ¼ lb. 75c, postpaid.



TOBACCO

The seed should be sown as early as possible after danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are large enough, transplant into rows six feet apart each way, and cultivate thoroughly.

Tobacco, Connecticut Seed Leaf. This is an old, well-tried variety; produces immensely on good soil. Pkt. 10c, oz. \$1.00, postpaid.

—Havana. Choice. A very early variety, and the best of the American Havana. Pkt. 10c, oz. \$1.00, postpaid.

SWEET, POT AND MEDICINAL HERBS

No garden is complete without a few herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely, entirely excluding from the air. Sow in spring in shallow drills, one foot apart, and when well up, thin out and transplant to a proper distance.

Basil, Sweet (OCIMUM BASILICUM). The leaves and tops of the shoots are used for highly seasoned-dishes, soups, stews and sauces; a leaf or two is sometimes introduced into salads. Pkt. 10c, oz. 50c.

Caraway (CARUM CARUI). The seeds are used in confectionery and medicine. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Coriander (CORIANDRUM SANTIVUM). Used for garnishing, and the seeds are used by confectioners. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Dill (ANETHUM GRAVEOLENS). The leaves are used in soups and sauces, and to put along with pickles. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

Fennel (ANETHUM FENECULUM). The leaves boiled enter into many fish sauces, and raw, form a beautiful ornament. Pkt. 10c, oz. 50c.

Horhound (MARRUBIUM VULGARE). Pkt. 10c, oz. 90c.

Lavender (LAVENDULA SPICA). An aromatic herb. Pkt. 10c, oz. \$1.10.

Majoram, Sweet. Pkt. 10c, oz. \$1.10.

Sage (SALVIA OFFICINALIS). One of the most extensively used herbs for seasoning. It is also believed to possess medicinal properties. Hardy perennial, about fifteen to eighteen inches high. Plant very branching; flowers usually blue, sometimes pink or white; leaves greyish-green, oval, wrinkled. Pkt. 10c, oz. \$1.10.

Savory, Summer (SATUREIA HORTENSIS). A hardy, aromatic annual, twelve to fifteen inches high, the dried stems, leaves and flowers of which are extensively used for seasoning, especially in dressings and soups. Pkt. 10c, oz. \$1.10.

Thyme (THYMUS VULGARIS). An aromatic perennial herb, eight to ten inches high, used principally for seasoning. Plant very branching, with wiry foliage and small lilac flowers. Pkt. 10c, oz. \$1.10.

Wormwood (ARTEMISIA ABSINTHIUM). Used for medicinal purposes. Pkt. 10c, oz. \$1.10.

Sold by all
Leading Merchants

STEELE, BRIGGS'

Reliable Seeds of
Strong Germination

FAMOUS FIELD ROOT SEEDS



Noted Everywhere for their Vigor and Purity. In Field Root Seeds we have the largest trade in America. We have spared no pains to supply our customers with the finest stocks—true to name and the heaviest yielders.

IMPORTANT It is of the first importance to secure the best known seeds, but the poorest economy in the world is to pay good money for inferior, cheap and unknown strains: the grower cannot afford such chance. The ordinary risk of an unfavourable season and contingencies over which he has no control is very great with any and all crops; the use of good seeds will save the double risk. To the grower who desires the finest quality of Field Root Seeds in existence, we give the names of varieties which are used by the most successful root raisers in Canada and Europe.

STEELE, BRIGGS' "Royal Giant" Sugar Beet

A distinct type of Sugar Beet, producing not only a "Royal" good crop but roots of giant size and richest feeding quality. Gives a yield of nearly 50 tons of clean roots per acre. The roots are longer than Danish or any of the other varieties, heavy, even shaped, holding their size to the ground, when they gradually taper to a blunt-point; stand upright, and three-fourths their length out of the ground. They are so easily harvested that they may be turned out by a push of the foot, free from small or prongy roots. The color of the roots is a bronzy-green nearest the top, the body a light green shaded, changing to a bright rose above ground, the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet, and imparts a rich pleasant flavor to dairy products when fed to milch cows. Our "Royal Giant" is the heaviest cropping Sugar Beet known to us, the largest, handsomest and cleanest roots, the most easily harvested and most profitable Sugar Beet to grow. (Sold only in sealed packages.) Price, 1 lb. \$1.10, 5 lbs. \$5.25, postpaid. By express at purchaser's expense, 5 lbs. \$4.50.

DANISH SUGAR BEET Roots of medium length, shoulder broad with heavy body, gradually tapering to a clean point. Color, deep rose or red; flesh white, crisp and sugary; a heavy cropper and easily harvested. Per 1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.10, postpaid.

CARROT FIELD VARIETIES

Sow 3 lbs. per acre.

Sow seed in drills, 18 to 24 inches apart, from the middle of April to the first of June, and when about 3 inches high thin out from 4 to 6 inches apart. Carrots require deep, rich, loamy soil to produce heaviest crops, and should be prepared and manured in the fall preceding the carrot crop.

STEELE, BRIGGS'

"Improved Short White" Carrot

The surest cropper, heaviest yielder, handsomest shaped, easiest harvested, most uniform sized, the greatest favorite, and the very best Field Carrot in existence. Sold in sealed packages only.

It may be properly called "Little Giant." Seldom exceeds 16 inches in length and has been grown to measure 27 inches in circumference; stands nearly one-fourth out of the ground, with a strong, handsome top, broad and heavy at the shoulder, tapering evenly to a point. The color is pale green above ground, and a light creamy white under ground; flesh, rich white, solid, sweet and very nutritious. Under good cultivation it has yielded 1,000 bushels per acre. Price, 1/4 lb. 50c, 1/2 lb. 90c, 1 lb. \$1.60, postpaid.

LARGE WHITE BELGIAN

Grows one-third out of the ground; root pure white, green above ground, with small top; flesh rather coarse, but the roots, on rich light ground, grow to a large size, and are extensively grown for stock feeding. 1/4 lb. 40c, 1/2 lb. 70c, 1 lb. \$1.20, postpaid.

LONG ORANGE OR RED SURREY

A popular field variety, large, fine quality and tapers regularly to a point. 1/4 lb. 50c, 1/2 lb. 90c, 1 lb. \$1.60, postpaid.

Steele, Briggs' Seeds are recognized throughout Canada as Standard Seeds of the very highest quality.



MANGEL WURZEL



(11b) **STEELE, BRIGGS' GIANT YELLOW OVAL**
OR
INTERMEDIATE MANGEL
A
LEADING FAVORITE WITH ROOT GROWERS FOR SUPERIOR QUALITY.
BRIGGS SEED CO. LIMITED.
TORONTO, ONT.
HAMILTON, ONT.
WINNIPEG, MAN.

For a good crop of Mangels, select a rich deep loam. The heaviest crops are invariably grown upon land which has been liberally manured and thoroughly cultivated. Artificial manures supplied at the rate of from 500 to 1,000 lbs. per acre, with the addition of 300 to 400 lbs. of salt will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May in drills from 2 to 3 feet apart, covering the seed a uniform depth, and thin the plants to 12 to 15 inches in the row. The long varieties do best in a deep sandy loam; the round varieties on the same, if possible, but the Globe will succeed better on strong, stiff land than the long sort. **Sow four or five pounds of seed per acre.**

STEELE, BRIGGS' PRIZE MAMMOTH, or GIANT LONG RED

There is no other root crop grown which produces so large an amount per acre as the prize Mammoth, or Giant Long Red Mangel. Our strain of Mammoth Long Red is exceptionally fine and expressly grown for our own trade from selected well-shaped roots. Dealers and growers who have used it for years past, prefer it to any other long red variety. Has a distinct appearance; roots are massive, straight and regular in size, broad shouldered, small top, free from coarseness and of most excellent feeding and keeping qualities. Sold in 1 lb. sealed packets only. Lb. \$1.10, 5 lbs. \$5.25, postpaid.

STEELE, BRIGGS' GIANT YELLOW OVAL, or INTERMEDIATE

It is remarkably even in shape, rather elongated and of vigorous growth, and has a fine neck; large leaves with green stems and very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle; easily harvested (growing more than half above the ground) producing an enormous crop, and is an excellent keeper. Sold in 1 lb. sealed packets only. Lb. \$1.10, 5 lbs. \$5.25, postpaid. By express at purchaser's expense, 5 lbs. \$4.50.

NEW IDEAL MANGEL A new and improved strain of Yellow Mangel that should be given a trial in all root growing sections. The roots cylindrical in shape, very large, full and heavy at shoulder with similar size and shape at the bottom end, terminating bluntly with a small tap root, its circumference at the middle is a trifle less than at the ends; grows well above ground, and adapted to heavy soils; a great cropper and easily harvested. The skin is yellow; flesh white, sweet and rich in food value. Lb. \$1.10, 5 lbs. \$5.25, postpaid. By express at purchaser's expense, 5 lbs. \$4.50.

MAMMOTH SAW-LOG This strain of Saw-Log is exceptionally fine, and especially grown for our trade. It has a distinct appearance; straight and regular in size, broad shouldered, small top. Lb. \$1.10, 5 lbs. \$5.25, postpaid.

—**Golden Fleshed Tankard.** Most nutritious variety in cultivation; roots large, ovoid, but filled out at top and bottom, terminating with a small tap root, flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk producing qualities and very productive. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10, postpaid.

—**Mammoth Long Red.** A good standard variety. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10, postpaid.

—**Giant Yellow Intermediate.** Remarkably even in shape, rather elongated, of vigorous growth and has a fine neck; flesh white, firm and sweet; produces enormous crops and is an excellent keeper. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10, postpaid.

—**Yellow Leviathan.** Root long, olive shaped, large, growing over one-half out of the ground; flesh white, sweet and tender; tops bright green, comparatively small; neck small, short. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10, postpaid.

—**Yellow Globe (Select).** Similar to Red Globe, except color; equally productive; color light yellow; handsome shape and good keeper. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10, postpaid.



ONE POUND

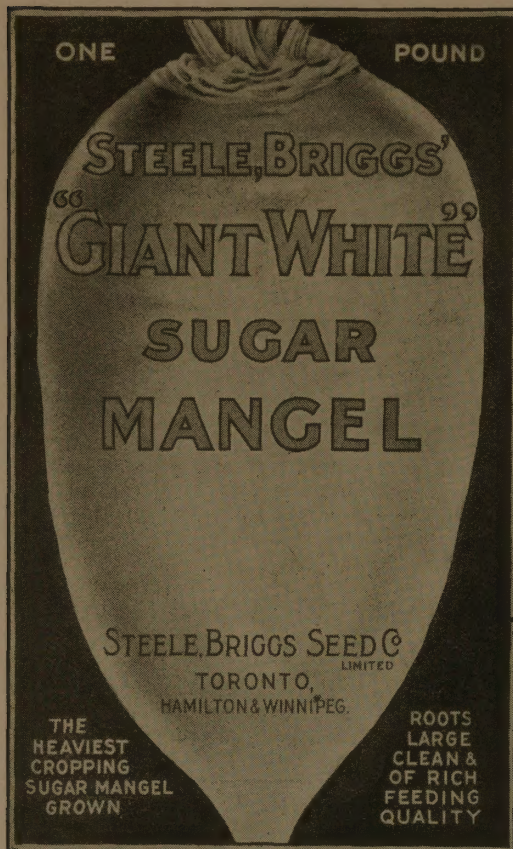
STEELE, BRIGGS' PRIZE MAMMOTH Long Red MANGEL

GROWS VERY LARGE ROOTS
YIELDS ENORMOUS CROPS

STEELE, BRIGGS SEED COMPANY LIMITED
HAMILTON, TORONTO, WINNIPEG

Steele, Briggs' Seeds—Right quality and Reasonable Prices.

Steele, Briggs' Giant White Sugar Mangel



The Farmers' Favorite

Contains Most Sugar Matter

The Surest Cropper

The Heaviest Yields

The Handsomest Shaped

Easiest Harvested

The Most Uniform Sized

The Greatest Favorite

and the very best

SUGAR MANGEL

in existence

The "GIANT WHITE SUGAR" Mangel differs from the ordinary varieties of Mangel, from being much sweeter and, in consequence, more nutritious. The roots are very large, firm, smooth, clean, of oval shape, stand well out of ground and very easily harvested. The color of root is light green at shoulder, white beneath ground; flesh white, crisp, sweet and unexcelled in feeding quality. It is the heaviest yielding Sugar Mangel in cultivation and relished by all stock upon the farm. All Mangels are Beets, this may be called a Sugar Beet, but is a distinct type and color.

Price per lb. \$1.10, 5 lbs. \$5.25, postpaid. By express at purchaser's expense, 5 lbs. \$4.50. Sold in Sealed Packages only.

STEELE, BRIGGS' GIANT YELLOW GLOBE

The finest Yellow Globe in cultivation. Roots are of immense size, fine shape, single tap root and neat top. The flesh being remarkably fine, and fine grained, renders it an excellent keeping variety. Sold in 1 lb. sealed packets only. Lb. \$1.10, 5 lbs. \$5.25, postpaid. By express at purchaser's expense, 5 lbs. \$4.50.

TURNIPS FOR FALL FEEDING

The following varieties are not so well adapted for late winter feeding as the Swedes, being of larger and quicker growth, are coarser in texture, and when kept too long in winter, become spongy, and lose their fine feeding qualities, but for fall and early winter feeding are grown with profit, producing a great bulk per acre, and may be sown later in the season than Swede varieties.

Prices for all, except where noted otherwise— $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 70c, lb. \$1.30, postpaid. (5 lbs. by express \$5.75; if wanted by mail add postage at rate of 10c lb.)

Turnip, Aberdeen Yellow, Purple Top. An excellent variety for early winter feeding, and deserves to be grown more generally.

—Devonshire Greystone. A very useful kind of Turnip, which produces an immense crop of excellent quality; it is of great value for feeding off early and well adapted to late sowing.

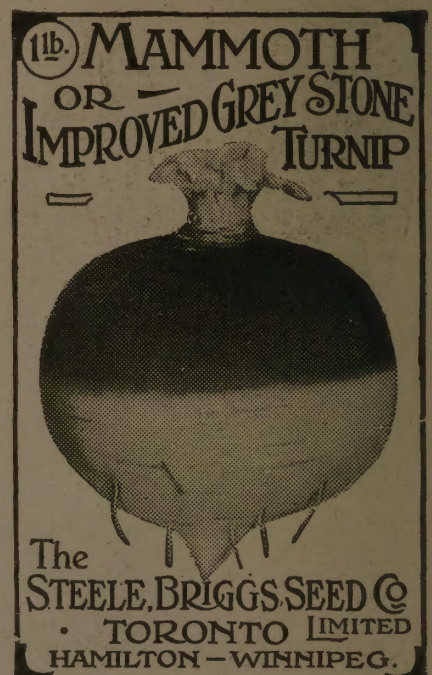
—Purple-Top Mammoth or Improved Greystone. Produces a greater weight per acre in a given time than any other turnip, and it will grow remarkably heavy crops on poor soil. Flesh very solid and nutritious; fine shape, a certain cropper, and will stand the winter if sown late in the season.

—Pomeranian White Globe. Roots globular, large sized, and adapted to early feeding.



—Red Top Strap Leaf. Early, hardy, very prolific, of excellent quality. It is one of the best for late sowing. The bulbs are flat, smooth and regular in form, flesh clear white and remarkably well flavored. $\frac{1}{2}$ lb. 40c, $\frac{1}{4}$ lb. 75c, lb. \$1.40, postpaid.

SWEDE or RUTA BAGA—See Pages 33 and 34.



SWEDE TURNIPS OR RUTA BAGA

Sow from 2 to 3 lbs. per acre in drills

Best results are obtained by sowing the seed from the 20th of June to the middle of July, in ground previously enriched with well-rotted manure, in drills about two and one-half feet apart, covering about one-half inch deep. Thin the young plants eight to twelve inches apart in the row. When the roots are full grown and before hard freezing weather, pull them, cut off the tops and store in a root cellar or pit.

Our stock of Turnip Seed has been grown from carefully selected bulbs by growers of highest standing, and includes the most desirable varieties in cultivation. So zealous are we for the reputation of our specially improved strains, that we do not send them out **except in sealed packages**. It is money well spent to do this—it protects both ourselves and our customers.

STEELE, BRIGGS'

"Selected Purple Top"

Produces large, round, perfectly shaped bulbs, with very small top; fleshy, rich yellow, firm, free from coarseness, and of excellent quality; skin yellow, with a deep purple top. A splendid keeping variety. **There is no other sort which we have ever grown that yields a more uniform sized and handsome crop, or that will produce a greater weight, if as much, to the acre.** The Turnip being one of the staple root crops of Canada, it has been our endeavor to obtain a variety of undoubted merit, and such that we could depend upon from year to year. This variety has fully realized our expectations for the past twenty years, and having become the universal favorite with the leading root growers in Ontario, the demand has so increased as to require thousands of pounds annually to fill our orders. Sold only in sealed packages as illustrated. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

Steele, Briggs' "Jumbo"

Extra select stock. A very large, handsome, tankard-shaped root, with small neck and top; color purplish-crimson above ground, yellow below; flesh yellow, very solid, fine-grained and of the best flavor; stands well out of the ground, and is a giant compared with many varieties; a heavy cropper and a good winter-keeping sort. In Canada it has become a great favorite. Sold only in sealed packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

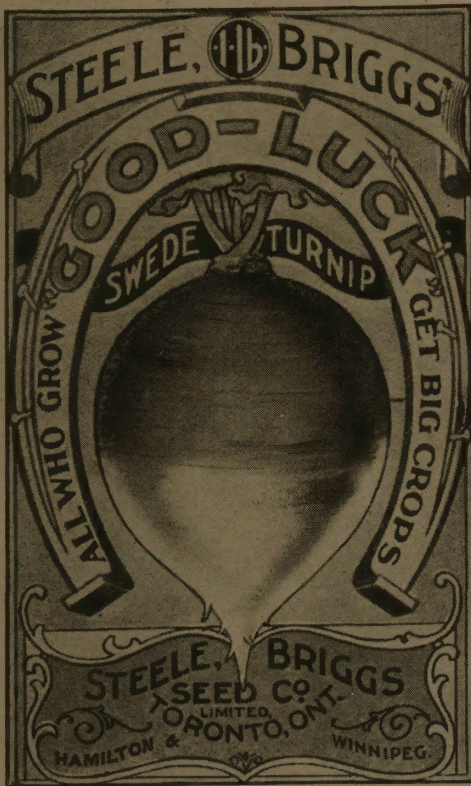


Steele, Briggs' "Perfection"

A very highly improved variety of Purple Top Swede Turnip. It produces large, round, well-formed bulbs, very clean, and free from prongy roots. Easily harvested and an excellent cropper. Bulbs are of a deep purple color above ground, yellow beneath; flesh rich, yellow, solid and of the finest feeding quality. A good winter keeper. Sold only in sealed packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. 1.40, postpaid.

"Ontario" Purple Top

Few Swedes have given such favorable results to growers who have used it as Evan's "Ontario." Its large size, uniform handsome shape, together with its heavy cropping and fine feeding qualities, commend it to root growers throughout the Dominion. Bulbs are nearly round, purple color above; yellow beneath; flesh, rich yellow, and of the finest keeping quality. Sold in sealed packages only. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.



Steele, Briggs' "Good Luck" Purple Top

This grand new Swede is bound to take a leading place with root growers who prize a good crop. The bulbs are of an oval shape, large, clean and handsome appearance. It is claimed to be the finest Swede of recent introduction in England, and upon our own trial grounds fully sustains the claim and the name we give it. Sold only in sealed packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.



Cheap Seeds are dear at any price. You will find our prices very low for the Best Seeds.

SWEDE TURNIPS or Ruta—Continued

STEELE, BRIGGS' "SELECT WESTBURY"

A highly-selected strain and a favorite variety of Purple Top Swede Turnip. Produces large, handsome, round-shaped bulbs; flesh, rich yellow, sweet flavored and a grand crop producer; excellent for winter storage. Its uniform shape and fine quality have brought it into favor for growing and shipping to the American market. Sold only in small packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

UNRIVALLED CANADIAN GEM

A variety of recent introduction. It is the best drought and mildew-resisting variety known; produces clean bulbs of medium size, nearly round; of a purple color above ground, yellow beneath: small top and neck; flesh rich yellow, crisp sweet and juicy. **Those who grow Swedes for shipping will find it a gem. None better for winter storing.** Sold in sealed packages, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 90c, 1 lb. \$1.65, postpaid.



Standard Varieties—Swedes

Price, each, except where noted, $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, 1 lb. \$1.10, postpaid.

Swede, Imperial Purple Top. It has perfection in form, the bulbs being of a handsome oval shape, with small neck and single tap root, uniform in size, very rich in quality, and an excellent keeper.

—**Bangholm. Improved, Purple Top.** A standard variety, large size, small neck, yields well.

—**Monarch or Elephant.** A large crimson top variety of merit. $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

—**Champion Purple Top.** Highly recommended. Fine shape and size, Good keeper.

—**Skirvings, Select Purple Top.** A well-known variety.

Green or Bronze Top Swedes

STEELE, BRIGGS' "DURHAM SWEDE"

The name "Durham" as applied to a celebrated breed of cattle denotes size, beautiful form and majestic appearance, which also describes this new Swede. Its roots are bronzy-green, uniform, round, clean, and produces heavy crops of finest quality. A grand winter keeper and a splendid table variety. In our field trials the "Durham" proved much superior to such well-known sorts as Hartley's Lord Derby, Gatacre and other like varieties. Sold only in sealed packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

"Kangaroo" Swede

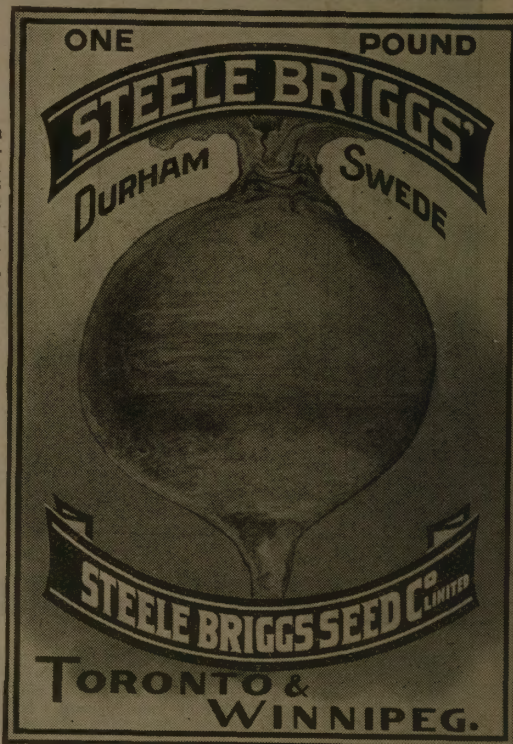
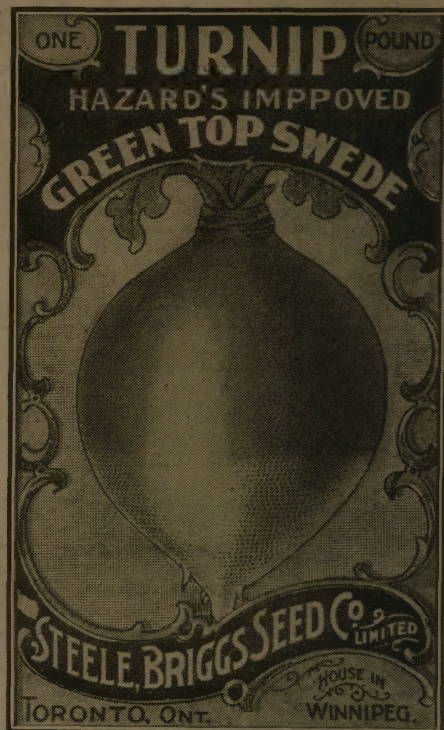
An exceedingly hardy Swede, in high favor with root growers on account of its heavy crop-producing and excellent keeping qualities. Grows somewhat tankard-shaped, carrying its size and weight well to the bottom of the root; color, deep bronze green above ground, shading to a light yellow at bottom; flesh, light yellow, firm, juicy and sweet. Grows well out of the ground, free from coarseness of roots and easily harvested. Sold only in sealed packages. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.

Hazard's Improved Swede

A distinct variety; the flesh is firm and white, while its hardy keeping qualities are superior to most sorts and adapted to either field or garden cultivation. Sold only in sealed packages. $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40.

—**Halewood Bronze Top.** A favorite Scotch variety, heavy cropper, good keeper. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40.

—**Hartley's Bronze Top.** Oval-shaped bulbs, large and solid, small neck, and single tap root; rich in quality, productive and a good keeper. Price, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 75c, 1 lb. \$1.40, postpaid.



"CANADA'S GREATEST SEED HOUSE"

STEELE, BRIGGS'
SEEDSBY EVERY TEST
PROVED THE BEST**CLOVER SEED***The Finest
Northerly-Grown
Stocks*

When buying Clover it is not enough to have it of good vitality. Some Southern seed is usually satisfactory in this respect. Our country demands the hardest seed and this can only be obtained in the North. When you get the genuine Northern seed the crop has far greater chances of maintaining its stand during the changeable weather of early spring. This fact is so well known that we have a big demand from the South for our Northern Seed. It does best everywhere. We ship it to all parts of the world.

This is the clover we offer you. Southern seed is lower priced and a good deal of it is sold on that account, but our seed is better value because it is hardier and surer.

STEELE, BRIGGS' "LION" BRAND REIGNS SUPREME

STEELE, BRIGGS' "LION" Brand of GRASSES and CLOVERS is intended to **INVARIABLY** represent the best seed obtainable as respects purity, size, germination, appearance and adaptability to the climate. The lion represents the **KING OF BEASTS**, so "**LION**" Brand also represents the "**KING**" **QUALITY IN SEEDS**. Ever since we commenced selling "**LION**" brand **GRASSES and CLOVERS**, the quality has been unvaryingly maintained and has won for itself such a high reputation that some unscrupulous dealers have taken the advantage to try and work off lower grades of cheap and inferior seed as "**LION**." In order to protect ourselves, our customers, and the good name it has won, we send "**LION**" Brand out in **SEALED BAGS ONLY**. To obtain our Genuine "**LION**" Quality be sure it is sealed with a lead seal at the top of the bag. Farmers are constantly demanding **REALLY FIRST CLASS SEEDS**. It has always been our aim to supply the best and we take **EXTRA SPECIAL CARE** in our selections to secure stock to make our "**LION**" Brand, both for **PURITY AND GERMINATION**, the pick from hundreds of samples of seeds assembled from the cleanest farms. Wherever our "**LION**" **TRADE MARK** is prefixed to the description it means **QUALITY, THE HIGHEST FROM EVERY STANDPOINT**.

Germination Test

seed-testing stations.

We make a most thorough germination test of every lot of seed we offer, which is done according to the standard methods employed by the Department of Agriculture at Ottawa, Washington and by European

LOCAL MERCHANTS. We supply the leading merchants dealing in seeds throughout the Dominion. Should your local dealer not carry our seeds write us for prices and order direct. "Be sure you get Steele, Briggs' Seeds."

CLOVERS THE FINEST NORTHERLY-GROWN STOCKS

For Prices on large quantities send for our Special Clover, Grass Seed and Grain Price List. Ready Feb. 1st.



ALSIKE CLOVER

to the belief that the medium is hardier than the Mammoth but we ourselves have not found any marked difference.
"LION" BRAND, Government Standard No. 1. Price, small quantities, lb. 75c, postpaid 90c. Send for our Special Clover, Grass Seed and Grain Price List.

CRIMSON OR SCARLET CLOVER (TRIFOLIUM INCARNATUM)

An annual variety. The yield of fodder is large; after cutting, it at once commences growing again and continues until destroyed by frost. It can be sown in April or May, and produces an abundant crop in fall for feeding green or for hay, it is highly recommended as a soiling crop for ploughing under. Sow 10 lbs. per acre.

"FANCY," Government Standard No. 1. Price per lb. 30c, postpaid 45c.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS)

4 to 5 lbs. per acre. Sometimes known as Dutch Clover. This is a small creeping perennial, valued in pasture mixtures and considered by many desirable for lawns. It is the hardiest of all clovers, and adapts itself readily to all kinds of soil. It seems to endure summer heat better even than Blue Grass. It is not recommended to be sown alone, but is excellent for pasture mixtures, as it will not tramp out. It is of running, trailing growth, and serves to bind the soil together and prevents washing. Most valuable in mixtures for permanent pastures, forming in conjunction with natural grasses the finest and most nutritious food for cattle and sheep.

"FANCY," Government Standard, No. 1. Lb. 75c, postpaid 90c.

SWEET CLOVER (WHITE BLOSSOM) MELILOTUS ALBA

Sweet Clover is grown for hay, for green forage, for its value as a pasture plant and as a soil fertilizer and restorer. It gives promise of becoming a rival of Alfalfa on many soils. Until recently Sweet Clover has been regarded by many as a troublesome weed. Its real value is beginning to be appreciated.

It is a biennial plant and bears close resemblance to Alfalfa but it is larger and coarser in growth. It will grow on soils on which Alfalfa cannot thrive and will make excellent growth on lands so hard and barren that they will sustain scarcely any other vegetation. It is the first plant to grow in the spring and furnishes an abundance of succulent pasturage, equal in quality and value with Alfalfa.

Some claim that stock will not eat it, but as soon as they acquire a taste for it they frequently consume it in preference to Alfalfa. **Cattle fed upon Sweet Clover will not bloat.**

When grown for hay, one crop and sometimes two may be cut the first season. The second year, two or three crops may be cut. It should be mowed just before it commences to blossom and before the stems become hard and woody. As it is tall growing and stools very freely, the yield of green forage is tremendous. When the plants die they add to the soil immense quantities of nitrogen and humus, restoring old, worn out lands to crop producing ability. **Seed containing weeds is dear at any price. Our quality, which cannot be surpassed, will be found the cheapest in the end. Lb. 35c, postpaid 50c, per lb.**

—YELLOW BLOSSOM (MELILOTUS OFFICINALIS) This variety belongs to the same family as White Blossom Sweet Clover but it is not so prolific in growth, will not produce so large a tonnage, does not grow quite so tall, but is from ten days to three weeks earlier. The flowers are yellow instead of white. For bee pasture and fertilizing purposes, we believe it to be equally valuable, but for hay or pasture it is not so desirable. Price per lb. 35c, postpaid 50c.

RED CLOVER

(TRIFOLIUM PRATENSE)

This is regarded as the most valuable of the clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay or ploughed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 12 lbs. to the acre, according to the quality of seed used and condition of the soil.

It has been demonstrated time after time that crops following a growth of Clover are larger and of better quality than when grown on land which has produced the same crop for a series of years. Clover should be rotated with grain crops every three to five years. The small nodules or bacteria which cling to the rootlets possess the power to draw the nitrogen from the air and store it in the soil where it is most needed and where it can be drawn upon by subsequent crops. It is well to sow Clover with every crop of hay. It serves to keep the ground free from weeds, restores fertility, and may be pastured in the fall, or will repay the grower even if put to no other use than to be plowed under as a green fertilizer.

STEELE, BRIGGS "LION" BRAND. Strictly Government Standard No. 1. The cream of the best crops. The best seed known to the trade. Demand usually exceeds the supply. Price, small quantities, 1 lb. 65c, postpaid 80c. Send for our Special Clover, Grass Seed and Grain Price List. Ready Feb. 1st.

"TIGER" BRAND, Government Standard No. 1. Send for our Special Clover, Grass Seed and Grain Price List.

"WOLF" BRAND, Government Standard No. 2. Send for our Special Clover, Grass Seed, and Grain Price List.

ALSIKE CLOVER

(TRIFOLIUM HYBRIDUM)

6 to 10 lbs. per acre. Considered to be a cross between Red Clover and White Clover. A hardy variety, suitable for all kinds of soil, but does best in low ground and damp locations. It is deservedly in repute as one of the best perennial Clovers, is well adapted to nearly all districts of this country, and is now generally approved of in all mixtures of grasses and clovers.

"LION" BRAND, Government Standard No. 1. The finest quality, specially selected, recleaned for seed growing purposes. Price, small quantities, lb. 50c, postpaid 65c. Send for our Special Clover, Grass Seed and Grain Price List.

"EAGLE" BRAND, Fine quality for general seeding. Send for our Special Clover, Grass Seed and Grain Price List.

MAMMOTH RED CLOVER

(TRIFOLIUM PRATENSE PERENNE)

8 to 10 lbs. per acre. Grows as a rule, a little stouter than Medium Red. This makes it more valuable for ploughing down. The fodder is similar in quality. Some growers incline

CLOVER—*Alfalfa or Lucerne*

SOW ONLY THE GENUINE HARDIEST NORTHERN GROWN STRAINS

Too much care cannot be exercised in using the right strains for our Northern climate. Seed matured in the North costs more to raise, for the reason that Alfalfa being originally a semi-tropical plant, special selection and cultivation, with attendant failures, are involved. The reputation of Northern Alfalfa, like that of most other good things, has suffered through counterfeits. Southern Seed, often of superior sample and lower price, and on that account more enticing to buyers, has been sold under the good name of "Northern." This has resulted in great loss to sowers.

It produces from 4 to 6 tons of Hay to the acre, the nearest to a balanced ration of any crop grown. It should be cut soon as it begins to flower. Sow early in April or May, about 20 lbs. per acre.

ALFALFA is a leguminous plant just as are Peas, Beans, and Clovers. It is a perennial and capable of living very many years under favorable conditions. Success may not be hoped for without a careful study of its requirements but compliance with these is amply repaid by almost certain success and large returns. **FOR PASTURE**—Alfalfa has no equal among forage plants for palatability, grazing capacity per acre and food value; all classes of live stock soon learn to like it and thrive upon it. For dairy cows it cannot be surpassed. Sheep thrive upon it exceedingly. Swine are very fond of it and do well upon it as a sole feed. Horses eat it with avidity and improve in condition upon such pasture. **FOR ENSILAGE**—Mixed with corn it is exceedingly valuable. **FOR SOILING**—It is particularly valuable. It makes a very rapid, early spring growth and is usually ready to cut before any other green feed. **FOR HAY**—It has won fame and place in the United States. It has no equal as a dry feed for live stock and may be expected to produce from 5 to 6 tons of hay to the acre per annum.

Sow Alfalfa when the weather has become steadily warm—May is a good month. One to two inches is the proper depth. With ordinary methods and average soil and moisture, many successful growers use 20 lbs. to the acre; in drier soil and less favorable conditions the quantity should be decreased a little.



ALFALFA

STEELE, BRIGGS' "LION" ALFALFA

Northern Grown. Government Standard No. 1.

For our "LION" Brand we obtain the plumpest and finest colored seed which grows. This seed is selected from the best seed produced. Seed known for the combination of the following valuable qualities; Purity, Germination, Cleanness and Appearance. Grown from specially selected Northern Grown seed stock. We will be glad to send a sample to anyone about to purchase. When writing for sample, state quantity of seed you wish to buy. 15 to 20 lbs is usually sown to the acre. The demand for Alfalfa has been increasing from year to year and our present supply of this grade probably will not nearly fill the orders we will receive for it this season. It is desirable, therefore, that orders be sent in promptly. Lb. 55c, postpaid 70c. Send for Samples and Special Quotations on Clovers, Grasses, Seed Grain, etc., before ordering. Ready about 1st February.

GENUINE GRIMM ALFALFA

Northern Grown

Our experience with this strain of Alfalfa has convinced us that considerable seed is sold under this name, which is of doubtful origin, and in view of which we have of late years confined our purchases of this variety to the one original source. We have only been able to secure a limited quantity of this variety, raised from stock that we know to be right.

Northern Grown Seed is the best able to withstand climatic conditions. It is well worth the price in comparison with the other varieties offered, especially for the colder parts of our country.

Do not make the mistake of sowing cheaper varieties when you can get Grimm Genuine Seed, even though the initial price is considerably higher.

We have only a limited stock to offer this season, considering the value and demand for it. Price, small quantities, per lb 75c, postpaid 90c.

Canadian Grown Variegated Alfalfa

This special stock of the same type as Grimm, being more or less variegated, and the crop would pass for that variety—in fact, it has really more claim to be called Grimm than seed which is often sold under that name. Our trial plots of this variety show a very decided superiority over all others in every way, both in stand of plants and healthiness of growth. The sample is strictly high grade, pure, clean and strong. Hardier seed cannot be obtained. Growers preferring Grimm but hesitating at the price will make no mistake in securing this variety. 1 lb. 55c, postpaid, 70c. Send for Samples and Special Quotations on Clovers, Grasses, Seed Grain, etc., before ordering.

OUR "LION" BRAND ALWAYS STANDS FOR THE HARDIEST, PUREST, CLEANEST, STRONGEST AND BEST VALUE SEED ON THE MARKET.

Send for our Special Price List on Clovers, Grasses, Seed Grain, etc., before ordering, ready about 1st February.



GRASSES

TIMOTHY SEED

(PHLEUM PRATENSE)

48 lbs. to a bushel. Sow from 6 to 8 lbs. per acre. Too well known to require description. There is much difference among men as to the quantity of seed to sow. In most parts from 6 to 8 lbs. per acre does well. If a big crop of hay is wanted the second season and then the land "broken-up" again, we would recommend double this quantity.

Now as regards the quality of seed to sow.—Every season we have many lots offered us that, to look at, the Timothy itself may be big, bright, unhulled, grand stuff, but on close inspection, it reveals some foul seeds. Such lots are apt to deceive the farmer who has not had the experience in judging these little points. Every lot should be judged from the standpoint of complete maturity, strong germination, cleanness, and freedom from other seeds. It requires expert knowledge and proper appliances to examine thoroughly.

STEELE, BRIGGS' "LION" TIMOTHY

"LION" brand is specially selected for purity, vitality and freedom from other seeds, and is the one best value on the market. Clean, well-threshed and unhulled. Lb. 25c, postpaid 40c. Send for Special Seed Grain Price List. Ready 1st February.

"SEAL TIMOTHY"

"SEAL" brand is also extra choice and if you desire a lower-priced seed than "LION," by all odds take "SEAL" as it is strictly high grade. Send for Special Quotations for Clover, Grasses, Seed Grain, etc. Ready 1st February.

STEELE BRIGGS "ERMINE" TIMOTHY

Specially selected for purity and high germination. This brand appeals to the farmer. It is strictly Government Standard No. 1 for purity. Large healthy, well-matured seed, the only difference between this grade and "LION" brand is that "ERMINE" may be a little hulled, otherwise it is quite equal as to growth and purity. Send for Special Quotations for Clovers, Grasses, Seed Grain, etc. Ready 1st February.

Canadian Blue Grass (POA COMPRESSA). Somewhat like Kentucky, and as price is lower, may be used as a substitute. The hay, although short, is very heavy and rich. Grows better than Kentucky in dry soils. Sow 25 lbs. to the acre. Lb. 20c., postpaid 35c, 10 lbs. \$1.90, by freight or express at purchaser's expense.

Creeping Bent Grass (AGROSTIS STOLONIFERA). An excellent variety for pastures when mixed with other grasses. Succeeds well in moist situations and thrives in moist land. Sow 40 lbs. per acre. Per lb. 50c, postpaid 65c.

Crested Dogstail (CYNOSURUS CRISTATUS). May be advantageously sown on lawns, kept under scythe; forms a close turf, remaining green a long time; valuable for sheep pastures, succeeds on dry, hard and gravelly soil. Height 1 to 1½ feet. Sow 25 lbs. per acre. 45c, postpaid 60c.

Crested Fescue (CHEWINGS). This grass is of a remarkable creeping habit and endures severe droughts. Its roots penetrate so deeply into the soil that it remains fresh and green when other varieties are apparently dried up. It is particularly adapted for dry pastures and on loose, light soils. Price per lb. 55c, postpaid 70c.

Evergreen Meadow Grass (POA SEMPERVIRENS). Noted for perpetual greenness, earliness in spring and the rapidity with which it produces leaves after being eaten or cut. Its thick growth, fineness of foliage and capability of growing under shade of trees, renders it a most desirable grass for lawns, parks or pastures. Sow 40 lbs. per acre. Crop failure.

Italian Rye Grass (LOLIUM ITALICUM). One of the best. Yields crop first season, then disappears, as it will not stand our winter frosts. Sow 40 lbs. per acre. Lb. 20c, postpaid 35c.

Meadow Fescue or Sweet Grass (FESTUCA PRATENSIS). One of the most valuable grasses we have, thriving in almost all soils, and is used in all good mixtures. Makes excellent hay. Height from 2 to 3 feet. Sow 40 lbs. per acre. Lb. 40c, postpaid 55c.

Orchard Grass or Cocksfoot (DACTYLIS GLOMERATA). One of the most valuable grasses. Its rapidity of growth and its power of enduring the cropping of cattle commend it highly as a pasture grass. Sow 28 lbs. per acre. Lb. 40c, postpaid 55c.

Perennial Rye Grass (English) (LOLIUM PERENNE). Suitable to a great variety of soils, yields an abundance of foliage, valuable for hay, for which purpose it requires cutting when in bloom. Stands Canadian climate two seasons. Sow 48 lbs. per acre. Lb. 20c, postpaid 35c. 10 lbs. \$1.80, by express at purchaser's expense.

Red Top Grass (AGROSTIS VULGARIS). A splendid perennial grass for level lands where there is considerable moisture. It will even succeed grandly on low margins of sloughs. The hay is of fine quality. Sow about 20 lbs. to the acre. Extra fancy cleaned, free from chaff, lb. 30c, postpaid 45c.

Rhode Island Bent Grass Resembles Red Top, but is shorter and has narrower leaves. It makes a beautiful, fine, close turf and is one of the best grasses for lawns. It does well on both rich and poor soils. Makes excellent pasture, but never grows high enough to supply a great quantity of feed. Per lb. 55c, postpaid 70c.

Sheep Fescue (FESTUCA OVINA) Grows naturally on light, dry and sandy soils, smaller than the other Fescues, but from being very nutritious, it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. Crop failure.

True Kentucky Blue Grass (POA PRATENSIS). Also known as "Green Grass," "June Grass" etc. Does best in rich land, but will thrive in dry and somewhat shady locations. Sow 25 lbs. to the acre. The heaviest, cleanest and best seed obtainable. Lb. 35c, postpaid 50c, 10 lbs. \$3.30, by express at purchaser's expense.

Wood Meadow Grass (POA NEMORALIS). There is no grass better adapted for pleasure grounds, particularly under trees, as it will only grow in such places, but succeeds where few other grasses can exist. Very early, of a bright rich green. Sow 25 lbs. per acre. Crop failure.



Owing to MARKET CONDITIONS, it is impossible to give firm prices on CLOVERS, GRASSES AND SEED GRAIN, at the time this Catalog goes to Press in December. If interested, send for our SPECIAL GRAIN PRICE LIST.

SUDAN GRASS

A New Annual Forage Plant

Better than Millet. Yields two crops in one season. Succeeds well on light soils. Splendid results on trial on our grounds at Oakville.

This grass was originally introduced into the United States and Canada from **Egypt**. The results of last 3 year's crops have warranted the handling of the seed in commercial quantities, and it has become very popular in some parts. It is particularly suited for sections deficient in rainfall. An annual of the Sorghum family and must be planted each season, and does not spread and become a pest. The quality of Sudan Grass Hay is considered equal to Timothy. It yields from **two to four tons per acre**, and on good land even more. The seed should not be planted until all danger of frost is past and the ground thoroughly warmed, as the young plant is tender. **The crop matures in seventy to eighty days** from the time of planting. The earlier the planting the more opportunity of **several cuttings** during the season. It can be grown in rows 20 to 30 inches apart and cultivated like corn, or could be sown broadcast by hand. Drilled or broadcasted, 18 to 20 lbs. per acre are required. The cutting of the grass for hay should be done as soon as the crop is fully headed; in favorable seasons from 50 to 70 days after planting; a new crop will then start again from the same plants. Price per lb. **35c**, postpaid **50c**. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready about 1st February.

BROMUS INERMIS

This has proved to be one of the best grasses of any yet tried. From Northern Ontario to the Western Coast it has stood the rigor of the winter, has yielded from 3 to 4 tons of hay per acre. Comes early into growth, thrives well in loose soil, withstands dry weather, grows freely in rich, damp soil, and forms a close sward; produces a heavy aftermath of succulent leafy shoots. Where a permanent hay is desired, *Bromus inermis* will fill the bill. Sow 25 lbs per acre. Lb. **30c**, postpaid **45c**; 10 lbs. **\$2.70**, by express at purchaser's expense. **Special prices on application for large quantities.** Ready about 1st February.

MILLETS Bushel, 48 lbs.

Millet is a short season crop, and may be sown up to July and still produce a good crop of hay. There is probably nothing so well adapted to cover

up shortages in hay crops as Millet. Being a true grass of rank growth, it is also one of the best for smothering weeds. While quite a drought resister, Millet does best on moist soil with a well prepared seed bed. It does well on new breaking if the soil is rich and porous and cultivated finely. Millet should not be sown until the ground is warm—sow 3 pecks per acre, even a little more if the crop is desired early.



SUDAN GRASS, FROM A PHOTO

JAPANESE MILLET It has yielded over six tons of dry straw and 80 bushels of seed per acre.

The plant attains an average height of six feet, short jointed, and at every joint there is put forth an immense number of long, thick fleshy leaves. The seed constitutes an excellent food for hens. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart with 8 lbs., or broadcast, 12 to 15 lbs. per acre. Lb. **25c**, postpaid. Send for Special Clover, Grass Seed and Grain Price List. Ready about 1st February.

SIBERIAN OR RUSSIAN MILLET The plant is of larger growth than Common Millet, with a beard and chaff similar to Hungarian, but produces a plant of much ranker growth, with more leaves than any of the other varieties, leaves starting close to the ground and continuing up the stem so nearly the top. It matures about the same time as Common Millet, and it is claimed it will stand the drought better than any other varieties. Sow at the rate of half a bushel per acre. Lb. **25c**, postpaid. Send for Special Clover, Grass Seed and Grain Price List. Ready about 1st February.

GERMAN OR GOLDEN MILLET Grows 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes numerous; seeds, round golden yellow, in rough sheaths. Sow 30 lbs. to the acre. Send for Special Clover, Grass Seed and Grain Price List. Ready about 1st February.

HUNGARIAN MILLET No other variety is so well known and so much grown for hay as the Hungarian Millet. It does not grow as coarse as many other Millet varieties, but still yields quite heavily, two to four tons of hay per acre being an ordinary crop. The hay is quite leafy, of the very best quality, and is greedily eaten by all kinds of stock. Send for Special Clover, Grass Seed and Grain Price List. Ready about 1st February.

COMMON MILLET No Millet does better on light and dry soil than this; it grows 2½ to 4 ft. high, is early with a bulk of fine stalks and leaves, tender and juicy, and is excellent for hay. Send for Special Clover, Grass Seed & Grain Price List. Ready about 1st February.

Owing to Market Conditions it is impossible to give firm prices on Clovers, Grasses and Seed Grains at the time this Catalog goes to press in December. Send for our Special Grain Price List if interested. Ready 1st February.

Selected Northern Grown Field Corn

Corn is yearly increasing in general favor throughout Canada and very rightly so. It is a splendid cleaning crop on weedy land and leaves the soil in as good a shape for a bumper crop of wheat as if it had been summer-fallowed. Corn yields from 15 to 25 tons per acre of the most nutritious fodder which may be cut and fed green, used for ensilage or cured and fed dry. All classes of stock relish and thrive on it.

For years we have been talking **FODDER CORN** to the farmers of Canada, but the dry seasons of the past few years aroused them fully to its great value. When other crops have failed, and the farmers were wondering what they would do for feed, many planted Fodder Corn, because it was too late to put in anything else. Now everyone of them will put a liberal acreage into **Fodder Corn** because they have found it **one of the most profitable crops to grow, not a MAKESHIFT, but a NECESSITY.** We make a specialty of Fodder Corn, and you will find it to be of the highest quality.

These are the earliest varieties grown and are especially adapted to northern conditions. They make a rapid growth, mature quickly and under favorable conditions yield immensely. All are perfectly acclimated to our northern conditions, which mean cool nights and short summers.

DENT VARIETIES THE MOST PROFITABLE SEEDS TO GROW

CORN, EXTRA EARLY HURON DENT

Will mature in 90 days. Selected Canadian grown seed. Grain deep golden-yellow and large, while the cob is of medium size, it is a splendid yielder. Send for Special Grain Price List, ready about 1st February.

GOLDEN GLOW

A very early variety, maturing safely in most parts of the Canadian Corn Belt. It produces larger ears and is a heavier yielder than Wisconsin No. 7, but ripens at the same time, that is, in 90 to 95 days.

This corn has a proud history. It is a cross of Wisconsin No. 8 and the famous North Star corn. Combining the extreme earliness of the former with the larger ears and height of the latter.

The ears are quite large, 16 to 18 rowed, of symmetrical shape, well filled from butt to tip with good sized kernels of pure golden-yellow color. The stalks are about 7 feet high, produce a large amount of foliage making a splendid fodder and silage corn. Everybody who has grown Golden Glow seems to be very enthusiastic about it. It has given splendid results the past two seasons. Send for Special Grain Price List, ready about 1st February.

IMPROVED EARLY LEAMING

A fine early Yellow Dent variety; ears of good size, cobs red and small, with large deep grains; a strong grower, and produces well on light and heavy land where other varieties of Yellow Dent will not thrive. **On our Trial Grounds at Oakville, it has given the best results of all the Dent Varieties.** While not ripening in all sections, the ears arrive at a firm dough state at time for cutting and make fine ensilage. Send for Special Grain Price List, ready about 1st February.

MAMMOTH CUBAN YELLOW DENT

The heaviest ear-producing corn upon our list, and grows enormous crops of excellent fodder. Ears very large, grain yellow dent, the average yield of ears being 3.51 tons per acre. Send for Special Grain Price List, ready about 1st February.

EARLY MASTODON YELLOW DENT

Among the heaviest producing varieties. Grows quick, strong and vigorous; has broad, heavy leaves and large ears, with very large, deep grains. Send for Special Grain Price List, ready about 1st February.

WHITE CAP YELLOW DENT

It is one of the largest Cropping varieties upon the market; stands drought well; crops well on poor lands; ears large, handsome and well filled; the tips of the grain are white, the inside yellow, thus giving it a beautiful color. Send for Special Grain Price List, ready about 1st February.

GIANT PROLIFIC SWEET ENSILAGE

As a green fodder, dried, cured or prepared as ensilage **it is in the highest favor throughout the Dominion.** The stalks are sweet, juicy, tender and covered with long broad leaves. On strong soil will grow from 12 to 16 feet high. More fodder can be produced from an acre than from any other variety we have grown, and well cured, is equal to hay. As a green food for cutting in the latter part of the summer, one acre is worth 8 acres of ordinary pasture. Send for Special Grain Price List, ready about 1st February.

RED COB ENSILAGE

An old favorite variety, yielding very large crops of excellent fodder. Ears large, cob small and red, grains large, deep and white, indented. A heavy yielder on some soils. Send for Special Grain Price List, ready about 1st February.

WISCONSIN WHITE DENT, No. 7

The stalks grow to an average height of 8 feet, and are thickly furnished with foliage close to the ground. The ears are large with 16 to 20 rows of large deep kernels, which are closely set on a small white cob. Send for Special Grain Price List, ready about 1st February.



IMPROVED EARLY LEAMING CORN

Owing to Market Conditions it is impossible to give firm prices on CLOVERS, GRASSES, CORN AND SEED GRAIN, at the time this Catalog goes to press, in December. Send for our Special Grain Price List, ready about 1st February

Northern Grown Field Corn—Continued

FLINT VARIETIES

Longfellow Yellow Flint The plant is vigorous, well supplied with foliage and roots deeply, enabling it to withstand adverse conditions of weather. It produces a very large crop of fodder, which is much enhanced in value by a yield of very long ears, which sometimes reach near maturity. (1 lb. 20c, 4 lbs. 55c, postpaid). Send for Special Grain Price List. Ready Feb. 1st.

Compton's Early Yellow Flint Twelve-rowed, small kernels, compactly placed on the cob. Very extensively used for ensilage and for a grain-producing crop. It makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to our Northern country, where it is a favorite sort. Send for Special Grain Price List. Ready February 1st.

North Dakota White Flint The constitution of this corn is such as to resist extremes of weather to the last degree. It is a grand extra early white corn. The stalk attains, under normal conditions, a height of 6 to 7 feet; the ears are about 3 feet from the ground, rendering it easily handled; the foliage is large, healthy, and makes unusually fine fodder; it is one of the very best varieties for that purpose. The crop is usually heavy, with a lot of ears well advanced towards maturity. Send for Special Grain Price List. Ready February 1st.

"Angel of Midnight" Flint An extra early Yellow Flint, 8-rowed variety. The ear is perfect in shape; length, 10 to 13 inches. Rows straight and even, and filled from tip to top. Stalks are of medium size. Send for Special Grain Price List. Ready Feb. 1st.

King Philip An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land; ears 8-rowed and from 9 to 12 inches long. One of the best and most reliable sorts. Send for Special Grain Price List. Ready February 1st.

Sanford's Early White Flint This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and handsome shape; flinty white color. Plants of sturdy vigorous growth; leaves are very broad and succulent, and it is therefore of great value for fodder and ensilage, as well as for a grain crop. Stalks usually bear 2 or 3 long ears. Send for Special Grain Price List. Ready February 1st.

Early Canada Yellow Flint A good old reliable standard sort. Early, hardy and prolific, with fodder of good quality, it is eminently suited to Western Canada. Send for Special Grain Price List. Ready February 1st.

WILD RICE (ZIZANIA).

As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge to the small fry from the large fish, and also furnishes them with food from the animalculæ on the stalks. The seed should be sown in 6 inches to 6 feet of water, having a soft mud bottom and where there are but few weeds. It commences to sprout as soon as the water gets warm, and grows rapidly, ripening late in August or September. Lb. 30c, by mail, postpaid, 40c; 10 lbs. or over, 28c. per lb., by express at purchaser's expense.

BUCKWHEAT

Rye, Buckwheat. Taken from report of O.A.C. Experimental Farm, 1910.—"Rye Buckwheat stands at the head of the list in average yield of grain per acre. The results are very striking, showing that the Rye Buckwheat gave an average of 8½ bushels per acre more than the Common, which was the next highest yielding variety. It is not only true that the Rye Buckwheat surpassed the Common Grey in average yield per acre, but it is also true that the former surpassed the latter variety in each of the past six years; in fact the Rye Buckwheat has not been surpassed by any other variety in any single year, except in 1910, when the Japanese gave 4 bushels per acre more than the Rye Buckwheat. The Rye Buckwheat is a very heavy producer of grain, but does not possess as heavy a straw as the other varieties which we have had under test. In weight of grain per measured bushel, however, the Rye Buckwheat has made the best record." Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities.

Silver Hull. Superior to the common variety, in bloom longer, matures sooner and yields much more per acre; thin husk and of a silvery grey color. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready February 1st.

Common. Grows a very heavy straw, branches more and does not need to be sown as early as other sorts. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready February 1st.

Japanese. Enormously productive; the kernels are nearly twice the size of any other variety, and of a distinct shape; the color is a rich dark brown; very heavy straw, branches more and does not need to be sown as thickly as other sorts. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready February 1st.

SAINFOIN

It is a vigorous perennial plant, branching and spreading and growing over three feet high. Its flowers are numerous and of a showy red color. It produces two and more cuttings of hay in a single season. Sainfoin, like all Clover, is very beneficial to the land. In Europe it has been grown for over two hundred years and in many localities there it takes the place of Red Clover. Generally it is not allowed to remain down more than two years, although in some places Sainfoin is left standing four and five years with satisfactory results. It is especially valuable for growing on poor land and barren hillsides, but produces on good land enormous quantities of splendid nutritious food which is greedily eaten by all stock. If wanted for hay, cut just before the flowering period. Sow at the rate of 20 to 40 lbs. per acre and cover well. It is sown in spring with or without a nurse crop. Lb. 45c. postpaid. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready February 1st.



A FIELD OF BUCKWHEAT

Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalog goes to Press in December. If interested, send for our SPECIAL GRAIN PRICE LIST.

New Pedigree White Oat "VICTORY"

EXCEEDINGLY PROLIFIC AND STRONG STRAWED

Prof. Nilsson of Svalof, Sweden, the originator, refers to this new Oat in the following terms:—"We send you our newest Pedigree variety of Oats which has been called **VICTORY** owing to its eminent properties. From its breeding, we believe it will prove a valuable acquisition for Canada—on your rich soils it will show great superiority. It is conspicuous for productiveness, fine grain and stout straw. The panicle is well supplied with fine up-standing branches which are closely and uniformly furnished with spikelets. The grain is white, nearly beardless, large and full, and extremely thin-skinned."

We have grown the **VICTORY** side by side with other leading varieties, including **Banner** and **Regenerated Abundance**, all being given treatment identical. From the first crop the **VICTORY** Oat impressed us with the fact that here was something "new, distinct and superior." Price, per lb. 25c, 5 lbs. \$1.00, postpaid. Send for Special Grain Price List. Ready February 1st.

New Extra Early Oat "INDUSTRIAL"

STRONG STRAW, EXTRA EARLINESS. EXTREME
HARDINESS AND GOOD YIELD.

In this new Oat we have found a variety that has been long looked for. It will ripen close to barley, has long, strong straw, and stools out well. The grain is very heavy and is also a very heavy-producing sort on nearly all classes of soil. The grain is large, heavy, and beautifully white, with a fairly thin hull. While the Orloff is earlier, there is no comparison, as regards the size of the grain and the yield per acre. The form of the grain is similar to the **Banner** variety. This variety will prove a boon to the farmers of the northern districts and on soil where the season is late. We predicted a good demand for this variety as soon as it became known, as there was no other variety which ripens when it does at a time which is of vast importance to most sections of the East—it seems to fit in just where an Oat is wanted. Price, per lb. 25c, 5 lbs. \$1.00, postpaid. Send for Special Price List of Seed Grains. Ready Feb. 1st.

Extract from "Belleville Daily Ontario News" of Aug. 22nd, 1918, Re "INDUSTRIAL" Oats

Mr. Jas. R. Anderson, of Mountain View, left at our office a small sheaf of oats in the straw which is quite the most remarkable and luxuriant that we have ever seen. Although cut off above the roots, the straw is a full

six feet in length, the heads are long in proportion and filled with fine plump grain that should mean several pounds over the standard weight per bushel. The oats are of a new variety known as the "Industrial." Mr. Anderson sowed eleven acres on ground that last year produced a heavy crop of ensilage corn. The field was entered for the district standing crop competition and won first place on a score of 96 points out of a possible 100. Mr. Anderson has been growing "Yellow Russian" Oats for several years and upon them he succeeded in winning a number of field competitions. Mr. Anderson regards the new variety as a real find and greatly superior to anything yet produced. Its general adoption he thinks, will mean millions of increased bushels every year to Ontario farmers. Mr. D. English, of Burketon, who judged the field, was also most enthusiastic about the showing and made the statement that they were the best oats he had ever seen.

American Banner Oats

Grown from
Registered Seed

It is a good many years since the original American Banner Oat was brought into Canada from New York State. From the first it took a high position, but later became considerably "run out" and mixed with other varieties. Realizing what it meant to the country to lose this valuable variety, the Canadian Seed Growers' Association set to work to resuscitate it, and by their systematic, careful methods, we now have the **IMPROVED AMERICAN BANNER OAT**—a better strain even than the original. For the past ten years Steele, Briggs have handled only one strain of this Oat—it is the strain that out-yielded all other strains in tests by the Government Experimental Farms. It is the very best. From north, south, east and west come similar reports. Medium early, a great yielder, thin hull, heavy berry of nice shape and finest milling quality, straw stiff. Where you find a farmer dissatisfied with Banners, the chances are he did not get the true variety. Now, our stock is pure—so pure that we do not think a single head of any other variety can be found in it. If there is anything in selection (and we know there is much) this Seed cannot be surpassed from any other source.

Sow this strain and you will have Banner genuine, of the best type, with a pedigree extending back for fifteen years by hand selection. This Oat gives you a superb quality of straw which makes pleasant and economical harvesting, a yield always up among the highest, for a full granary, fat horses, and some over to sell to your neighbors for seed. Price, small quantities, lb. 25c, 5 lbs. \$1.00, postpaid. Large quantities, send for Special Grain Price List. Ready February 1st.



Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVERS, GRASSES, AND SEED GRAIN at the time this Catalog goes to Press in December. If interested, send for our SPECIAL GRAIN PRICE LIST.

"YELLOW RUSSIAN" OAT

Strong, Stiff Straw. Stands up against Wind and Storm. Heavy Yielder. Thin Hull. Excellent Straw for feeding cattle.

"Yellow Russian" is a grand new Oat, and has taken the very highest place in the agricultural experimental tests. The grain is light yellow and not white. The straw is long and very stiff. In appearance it resembles the American Banner. Stands up well against wind and storms. It is a medium early variety, with a thin hull and is free from rust; in fact, we have not seen any fields with the least sign of rust showing. It is also less subject to blight than many other varieties on record. In 1915, 1916, 1917 and 1918, this Oat received 1st Prize in sheaf and in two-bushel bags, both at the Toronto Industrial Exhibition and Ottawa Exhibition. This speaks for itself.

This variety being rust-proof, makes the straw excellent for feeding stock. On good land it is not unusual for them to stand five feet high. The heads are erect, very large and branching. Do not confuse this with the White Russian Oat. It is an entirely distinct variety and infinitely superior to the white variety in every way. Kernels are larger and more plump. Small lots, 5 lbs. for \$1.00, postpaid. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.



PHOTO OF A PRIZE SHEAF AND FIELD OF "YELLOW RUSSIAN" OATS GROWN AT ST. PAUL'S, ONT.

New White Oat, O.A.C., No. 72. Very Thin Hull. Long Strong Straw. Splendid Yielder. Very Early.

This grand new Oat originated on the Experimental Farm at Guelph and has proved to be a great success. The straw is long, thick and heavy, with a hull 8% thinner than any other Oat we know of. It has splendid feeding properties, and is the heaviest yielding Oat we have tested for years.

Professor Zavitz, of the O. A. C. at Guelph, says: "The average yield per acre of the O. A. C. No. 72 Oats during the length of time we have been testing it in our experimental plots, has given an average at the rate of about 90 bushels per acre. It possesses a long, stiff straw which is comparatively free from rust. It has a spreading head and white grain. Not only has it given a larger yield of grain per acre, but the grain is of excellent quality, being thinner in the hull than that of the Banner and Abundance, and most other varieties which are commonly grown in Ontario. The O. A. C. No. 72 has made the highest record of the varieties of Oats used in the co-operative experiments throughout Ontario. It is a late variety, being a little later in reaching maturity than the Banner. It has made the best all round record of the varieties of Oats which we have had under experiment in recent years." Small lots, 5 lbs. for \$1.00, postpaid. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.

New Abundance (White) These are very handsome and heavy white Oats of great productiveness, and have become very popular in many sections. They do very well on ordinary soil. On rich heavy land it grows so rank, the straw not being large in proportion to its weight, that they are much inclined to lodge. Large yields have been reported from this Oat. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.

Improved White "Ligowo" Oat The improved "Ligowo" is a large, white, plump variety, with a branching head and stiff straw, a vigorous grower, very prolific and early; not inclined to rust or smut. At all the Experimental Farms throughout the Dominion it has given splendid results. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.

Siberian Oat A leading white standard variety. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.

Sensation Oat (White) The grain is of good size, the hulls are thin, and the kernel is the largest in proportion to the size of the Oat we have yet seen, making it the best variety grown for feeding and milling purposes. The Sensation stools out well, and the straw is very strong and does not lodge, even when others with a less weight of head go down. Send for Special, Clover, Grass Seed and Grain Price List ready February 1st.

Twentieth Century Oat A white branch Oat. It has a very heavy grain with a thin hull; is borne on a stiff strong straw, not inclined to rust or smut. It has given splendid results, and we can recommend it as being one of the very best Oats for cultivation. Send for Special Clover, Grass Seed and Grain Price List ready February 1st.

Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalog goes to press in December. If interested send for our SPECIAL PRICE LIST, ready February 1st.



MARQUIS WHEAT

THE KING OF WHEATS!

(Grown from Registered Seed)

Combines all the qualities so earnestly sought after by Cerealists and devoutly hoped for by the Grain Growers of Ontario and Western Canada.

EARLINESS—Repeated Tests by the Government Farms as well as private growers, prove "Marquis" to be from a week to ten days earlier than Red Fife. **QUALITY**—It has been subjected to the most critical milling tests and repeatedly shown that it inherits the unexcelled quality of the parent, Red Fife. **PRODUCTIVENESS**—"Marquis" has given many phenomenal yields, and it is settled beyond doubt that it can be depended upon to yield from 5 to 10 bushels more per acre than ordinary Red Fife under similar conditions.

MARQUIS WHEAT is a cross between Red Fife and an early hard red wheat from India called Hard Red Calcutta. The product of a single cross bred grain was grown for several years at the Central Experimental Farm, Ottawa, and selections were made from time to time. In 1903 the final selection was made and the name "Marquis" given to the product of a single plant. Compared with Red Fife the growing crop of Marquis cannot be distinguished from Fife except that Marquis does not as a rule grow as tall a plant, the straw being stiff and straight, of medium length—not so liable to lodge as Red Fife, although the heads of Marquis are proportionately heavier than Fife. The kernel is distinctly different, being thicker and more nearly round and usually of a darker color than Red Fife. A well developed and well saved sample is indeed very attractive. Send for our Special Price List of Clovers, Grasses, Seed Grains, etc.

MARQUIS WHEAT (Selected). A good sample, fine plump grains, though it might not be quite as pure as above, it will produce a fine crop. Send for our Special Price List of Clovers, Grasses, Seed Grains, etc.

RED FIFE

(SELECTED). Grown from Registered Seed. Only the crop grown from each season's selected heads, can be registered. This lot, being second crop from selected Registered heads is barred from a certificate. But back of it stands a pedigree of selection for about eight continuous years so that this lot is right

and away ahead of seed that cannot boast of Registered ancestry. It should produce results equal to the Registered if handled right, and there is no reason why its purity and quality could not be maintained. Send for our Special Price List of Clovers, Grasses, Seed Grains, etc.

WHITE FIFE

One of the best Spring Wheats, having large heads and grain, and tall, strong straw, with white chaff heads, and dark amber kernels. The grain is very hard and produces the finest grade of flour.

Enormously productive, and is invaluable for spring sowing where

the Winter Wheat has been killed, or where it was not sown. Send for our Special Price List of Clovers, Grasses, Seed Grains, etc.

COLORADO SPRING WHEAT AND WILD GOOSE WHEAT. Send for our Special Price List of Clovers, Grasses, Seed Grains, etc. See Page 6, New Wheat, Dr. Saunderson's Early Red Fife.

Send for our Special Price List of Seed Grains, &c. Ready about 1st February.

BARLEY

Give the barley crop fair attention and we can produce as fine quality as anywhere in the world, and big yields. Weight of grain per acre, Barley often equals Oats. For feeding, the grain ranks high for all kinds of live stock. It is a great pork producer in both quantity and quality. As a cleaning crop, it fills a special place—the land may be cultivated as late as the first of July and then sown with Barley.

Although the Two-Rowed Barleys are grown extensively in Great Britain and a number of European countries, the Six-Rowed varieties are used almost entirely on this continent, and further, they yield better than any of the other types.

Hull-less Barley of either the black or white variety matures early and is less productive than either the two or the six-row types. There is little sale for this Barley. It is grown principally as a feed. Sow Barley at the rate of 2 to 2½ bushels per acre. 48 lbs. constitute a bushel.

BARLEY O. A. C. No. 21, SIX-ROWED

A selection from the Mandscheuri variety, developed at the Ontario Agricultural College, Ontario. It has given very heavy yields in Ontario—heading the list there. It also does well in the East as well as the West. It is noted for freedom from rust, strength of straw, heavy yield, and the grain suits the malster admirably. We recommend it highly. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Selected Canada Six-Rowed.** This standard and well-known variety has been a favorite for many years, giving the very best satisfaction under a variety of conditions. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Mandscheuri.** An early six-rowed variety, very strong strawed and stools well, bearing large, well-filled heads of beautiful grain, possessing malting qualities of a high order and adapting itself readily to a great variety of soils. It has occupied first place at the O. A. C., Guelph, for some time, giving an average yield of over 60 bushels per acre. Send for Special Price List of Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Black Hull-less.** The grain of this Barley closely resembles that of the wheat or rye except in color. Its standard weight is the same as that of wheat, 60 lbs. per measured bushel, but it frequently exceeds this weight. Send for Special Price List of Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Duckbill Two-Rowed.** Succeeds well on most soils. A variety of merit. Send for Special Price List of Clovers, Grasses, Seed Grain, etc. Ready February 1st.

SPRING RYE

RYE IS ESPECIALLY VALUABLE FOR PASTURE OR TO CUT FOR HAY

All kinds of stock eat it with relish. As pasture, when eaten down, it grows again rapidly. For grain, sow about 1½ bushels per acre. For fodder and pasture, 2 bushels. Seed 2 to 2½ inches deep.

Each season a large number of Western farmers find themselves short of fodder, and to provide against this it is well to plan to grow some annual fodder crop. The earliest plant of this character is **Spring Rye**. It is quite hardy and the seed can be sown as soon in the spring as the frost is out of the ground. It grows very rapidly and should be cut as soon as the head appears, when it makes good green fodder and hay. It is best cut with the binder and handled in sheaves, in which shape it cures well. The yield varies from one to four tons per acre. It grows again after cutting, affording considerable pasture in a moist season. In districts liable to dry weather, nothing can equal Rye to produce a crop. Send for Special Price List of Clovers, Grasses, Seed Grain, etc. Ready February 1st.

FIELD PEAS

Whether for fodder, in mixture with oats, sown at the rate of 2 bushels each per acre, or the peas sown alone at the rate of 3 bushels per acre for plowing under, there is no crop we can so strongly recommend for more extended culture. Like all leguminous crops, peas have the power of extracting nitrogen from the air, and the soil from which a crop has been harvested is richer in nitrogen than before the peas were sown upon it; and there is no live stock on the farm to which peas and oats in mixture cannot be fed with positive advantage.

—**Peas, Dwarf White Marrowfat.** Hardy, strong and vigorous, broad, thick, leathery pods borne near the top of the vine. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready 1st February.

—**Black Eyed Marrowfat.** While growing resembles closely the preceding, but the mature seed has distinct black eye. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Prussian Blue.** A very popular variety, one of the heaviest yielding and best strawed peas known; very early. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Canadian Beauty.** A variety of white marrow, which in most sections, has given splendid results. The seed is large and of a bright color, straw strong but not coarse and of good quality. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Golden Vine.** A standard sort, not much troubled by bugs. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

—**Cow Pea.** A highly valuable fodder and fertilizing crop. The pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed is ground, and used for cattle fodder; the stalks and leaves also make excellent fodder fed green. Send for Special Price List for Clovers, Grasses, Seed Grain, etc. Ready February 1st.

EARLY SOJA BEAN

Valuable for stock feeding. This variety will ripen in Canada. It grows to a height of about 4 feet, is heavily podded, and has yielded over 10 tons per acre. It is coming rapidly to the front as a soil improver and is also very valuable for fodder, either for curing, feeding green or for silo in mixture with corn. Sow 30 lbs. per acre broadcast, or in drills 3 ft. apart, 1 ft. between plants. Send for Special Price List of Clovers, Grasses, Seed Grains, etc., for large quantities. Ready February 1st.



FIELD PEAS

Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalog goes to press in December. Send for our SPECIAL PRICE LIST.



SAND OR HAIRY VETCH

SAND or HAIRY VETCH

Prosper in Poor and Barren Soil. Yields Wondrous Crops in GOOD LAND.

SAND VETCH—It can be sown in April and will be ready to cut by the middle of July, the second growth affording excellent pasture during the summer.

The yield of green forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dried hay. Can also be sown in spring with oats or barley. Every dairyman and stock breeder should have a field of it, and if you try it once you will never be a season without it. It is **exceedingly nutritious**, much more so than clover, is eaten with relish, and may be fed with safety to all kinds of stock. Will also prove valuable for a hay crop in dry seasons. The foremost orchardists highly recommend Sand Vetch as a **cover crop**. Soluble plant food in porous soils leaches away in considerable amounts during the late fall and early spring, when the roots of trees are not actively foraging for it. Especially is this the case on loose sloping lands which often suffer severely from erosion. Fertilizing elements which would otherwise be wasted are caught by the cover crop, and when it is ploughed under and rotted become available food for the trees in the spring. To the acre sow 60 to 85 lbs. Per lb. 30c, (postpaid, 45c); 10 lbs. \$2.50, by freight or express at purchaser's expense. Send for Special Clover, Grass Seed and Grain Price List.

COMMON VETCHES or Black Tares

A splendid forage crop either sown alone or with oats. As a pasture for hogs it ranks high. After this crop the ground is left rich like a garden. Alone, sow 1½ bushels per acre. Send for Special Clover, Grass Seed and Grain Price List.

Seed Flax

Flax should not be sown on same land oftener than once in five years. Before sowing, the ground should be thoroughly prepared and it is especially important to have the soil well firmed. Be sure there are no open spaces in the bottom of the furrows as these are likely to cause the roots to rot. Sow 22 to 25 lbs. per acre; sow as early as possible and yet avoid the last killing Spring frost. In the southern counties June 4th to June 20th has been recommended as the best average time, although this will depend largely upon the season. When the seed is ripe and hard, cut off the heads and pile loosely in a cool, dry place so that they can cure. After curing sufficiently so that they will thresh easily, flail out and clean with an ordinary fanning mill. Pkt. 10c, lb. 30c, postpaid. Larger quantities, Send for Special Clover, Grass Seed and Grain Price List.



RUSSIAN SUNFLOWER

SUNFLOWER

Mammoth Russian. This variety has large heads, borne at top of a single unbranched stem, and having much more and larger seed than the common sort. It is used extensively for feeding poultry. Sow the seed as soon as the ground is fit for planting corn, in rows 5 feet apart and 10 inches apart in the row. Cultivate same as corn. When the seed is ripe and hard, cut off the heads, and pile loosely in a cool dry place so that they can cure. After curing sufficiently so that they will thresh easily, flail out and clean with an ordinary fanning mill. This variety will yield 1,000 lbs. or more of seed per acre. Pkt. 10c, lb. 25c, postpaid 40c.

KAFFIR CORN

Grows from 5 to 6 feet high, making a straight, upright growth. The stems are stalky and very thickly clothed with wide leaves. The stalks keep brittle, tender and juicy not hardening like many of the sorghums. Makes excellent fodder either green or dry, which is highly relished by cattle or horses. For fodder, sow ½ to ¾ of a bushel per acre in drills. Lb. 15c, postpaid 30c.

BROOM CORN

Improved Evergreen. This variety of Broom Corn is more largely grown in the Western States than any other. The brush is noted for its fine quality, good length and handsome appearance; cut before the seed is ripe, it is a beautiful pea-green color. Brush very fine and seldom gets crooked. It ripens early and yields heavy crops. Lb. 15c, postpaid 30c.

EARLY AMBER SUGAR CANE

Well known in many parts of Canada. We have seen magnificent crops, and it should be more generally known, as it makes a valuable green-cutting crop which is relished by all kinds of stock. Usually grows from 10 to 12 feet high, stands up well, produces small, tender, sweet and juicy stalks, well covered with leaves. When allowed to ripen the seed is valuable for poultry. Lb. 15c, postpaid 30c.

EMMER or SPELTZ

FACTS ABOUT SPELTZ—Ripens very early, it resists drought, it thrives on poor lands, and in stony ground, it makes a crop with almost any condition, endures frost, is not susceptible to rust or smuts; yields more than oats, wheat or barley; stock eat both grain and straw.

What is known on this continent as "Speltz" is rightly "Emmer"—the distinction however is slight—Speltz has a bald head, that of Emmer being bearded. Speltz will thrive on stony land, on gravelly land, on any poor land, on the prairie and on the hills. Frost will not hurt it to any extent. It yields heavily; it is a safe and early crop in the driest season. The grain makes first-class feed for all kinds of stock. It is also splendid for green pasture, and when dried and used as hay, it is relished by cattle. Our stock is the best obtainable, is free from noxious weeds, but contains a sprinkling of tame oats. Lb. 25c, postpaid. Send for Special Price List of Clovers, Grasses, Seed Grain, etc., ready February 1st.



EMMER OR SPELTZ

Dwarf Essex Sowing Rape

The GREAT FORAGE PLANT for CATTLE, SHEEP and HOGS
Animals are very fond of it. Invaluable as a weed destroyer. Can be sown early and late, endures cold weather and lasts long after grasses succumb to frost.

Rape is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalks are more numerous in the Rape Plant, and of a taller habit of growth. It is a pasture plant, which may be eaten off by any kind of livestock, but is pre-eminently fitted to furnish pasture for sheep, cattle and swine. After being eaten down it will grow again. As a forage plant it is most valuable—the feeding properties being remarkable. A good crop will furnish at least 12 tons of green food, and its nutritive value is nearly twice that of clover an acre. One acre of well-grown Rape will furnish pasture for 10 to 20 head of sheep for two months, and in that time will fatten them in good form for market.

Rape may be sown from May to August, and usually in 6 to 8 weeks is from 10 to 18 inches high. The seed is cheap. It is often sown as a special crop for hog pasture, and on many farms it is sown with the grain in the spring to furnish fall feed for cattle and sheep. Some recommend it highly to sow with corn between the rows, just before the last cultivation, thus giving a great quantity of fall feed at a small cost. We recommend using the Squaw Corn for this purpose, and when the corn is ready, turn in the hogs to do "hogging off" of both Corn and Rape.

Dwarf Essex Rape

ENGLISH GROWN SEED

Dwarf Essex Rape is one of the most valuable Forage plants that has ever been introduced.

The sale of Rape Seed now amounts to hundreds of tons annually. It is interesting, by way of contrast, to look back a few years when the sales for a season would be only a few thousand pounds.

Dwarf Essex Rape has been usually grown, until recent years, to furnish pasture for sheep and lambs, but it is now being found equally good in providing pasture for all kinds of stock. It is splendid for dairy cows.

Under average conditions a yield of from 10 to 18 tons or more of green forage per acre may be expected. According to a recent government bulletin, one acre of Rape with grain will fatten sheep in two months. Ten hogs eat about one-third of an acre in the same time.

PRICE OF OUR RAPE SEED.—Our Rape Seed is of choice quality, selected stock. We pay a premium in order to get pure, clean, reliable seed and it has always given great satisfaction. A saving of a cent or two a pound means from 3 to 10 cents an acre. We do not feel that for this difference between the price of known and unknown seed, that we or our customers are justified in taking a risk.

Dwarf Essex Rape. (English grown Seed.) Per lb. 35c, postpaid; by freight or express at purchaser's expense, 10 lbs. \$2.20, 25 lbs. \$5.00. Special prices for large quantities on application.

SOWING RAPE. (French grown.) Per lb. 25c, postpaid 35c; by express at purchaser's expense, 10 lbs. \$2.20, 25 lbs. \$5.00.

CABBAGE LEAF RAPE, Sometimes Called Thousand Headed Kale.

three to four feet. The stem is covered with leaves which form small heads. Animals, especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or broadcast, but we think drilling is better. If drilled, plant in rows 26 to 30 inches apart, so that plants may be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling use $\frac{3}{4}$ to 1 lb. of seed to the acre. In broadcasting 1 $\frac{1}{2}$ lbs. are required. Prices by mail postpaid, $\frac{1}{2}$ lb. 45c, 1 lb. 80c, 1b. \$1.50.

—This is a variety of cabbage. The plant attains a height of three to four feet. The stem is covered with leaves which form small heads. Animals, especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or broadcast, but we think drilling is better. If drilled, plant in rows 26 to 30 inches apart, so that plants may be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling use $\frac{3}{4}$ to 1 lb. of seed to the acre. In broadcasting 1 $\frac{1}{2}$ lbs. are required. Prices by mail postpaid, $\frac{1}{2}$ lb. 45c, 1 lb. 80c, 1b. \$1.50.

This illustration (photograph) of a field of Essex Rape and Japanese Millet mixed, represented one of the best crops for soiling we have ever seen—the quantity being great and the quality highly nutritious and palatable.

A MIXTURE OF ESSEX RAPE, PEAS AND MILLET,

with some Oats or Barley added, produces an enormous amount of forage for pasture, and remains succulent and nutritious until the hard frosts arrive, even until covered with snow. All kinds of stock will thrive and fatten on it.



HOGS PASTURING
IN RAPE



GENERAL LIST OF

Select Flower Seeds

For the convenience of customers when ordering, we use a system of numbering, and only the number corresponding to the variety desired need be given, with the price, thus saving the necessity of writing hard names.

The following list comprises Annuals and Tender Perennials. Hardy Perennials will be found on pages 63 to 65 inclusive.

ABUTILON (FLOWERING MAPLE)

- 1 **Abutilon, Prize Mixed.** Embracing the most elegant colors, both selfs, streaked and veined 10c

ACROCLINIUM (EVERLASTING)

One of the best, producing a great number of beautiful rose-pink and white flowers with yellow centre. *Half-hardy annual.*

- 2 **Acroclinium Album,** white. 10c
3 —**Roseum,** bright rose 10c

ADONIS

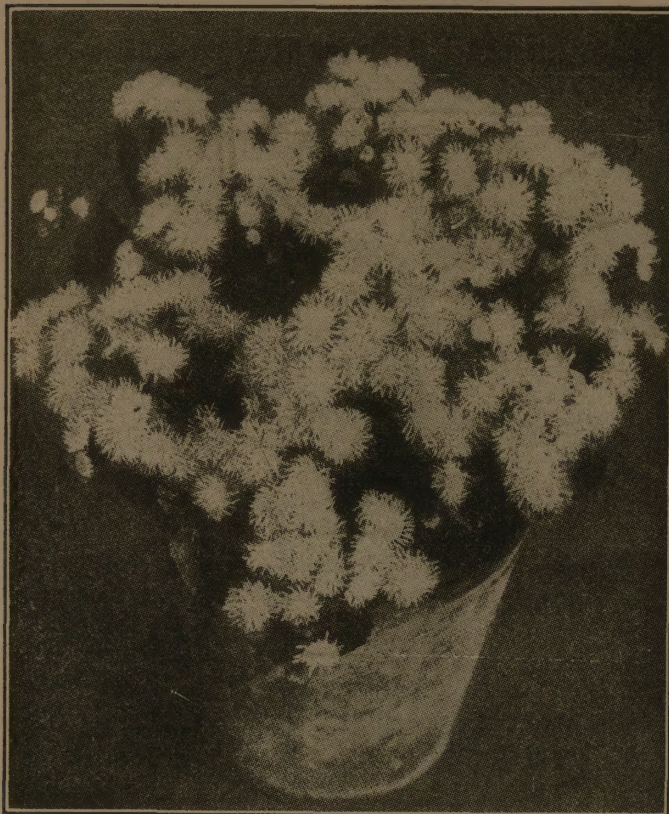
The dark green foliage is finely cut and very pretty; the flowers are brilliant, remaining for a long time in bloom. *Hardy annual.*

- 4 **Adonis Aestivalls** (Flos Adonis), deep crimson, 1 foot, Oz. 30c, pkt. 10c
5 —**Autumnalis** (Pheasant's Eye), intense blood-red with black centre, very hardy and attractive. 1 foot 10c

AGERATUM

Valuable for bedding plants or for cut flowers, free bloomers and of long duration. *Half-hardy annuals.*

- 6 **Ageratum, "Mauve Beauty."** Mauve Beauty, illustrated herewith, is a charming Ageratum, invaluable for beds and formal edgings; the plants are very compact, attaining a height of three inches only, and are literally covered with small, bright mauve flowers. Pkt. 10c
7 —**Imperial, Dwarf,** blue, ½ foot high. 10c
8 —**Imperial, Dwarf,** white, ½ foot high. 10c
9 —**"Little Dorrlett."** Habit very dwarf, blue, compact and bushy 10c



NEW AGERATUM "MAUVE BEAUTY"

ALYSSUM

Very hardy, free blooming, dwarf plants, growing readily in common garden soil.

- 10 **Alyssum, Tom Thumb.** Very fragrant and about 5 inches in height. Pure white, and a very profuse bloomer. Splendid for borders. Oz. 60c, pkt. 10c
11 —**Sweet.** Flowers small and sweet, in clusters; 1 foot. 10c
12 —**"Little Dorrlett."** Forms perfect bushes of white about 3 inches high. 10c
13 —**New "Lilac Queen."** This color forms a fine contrast to the popular white sorts. A deep lavender-lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit, and with all the free and long-blooming merits of the regular Sweet Alyssum. Pkt. 15c

AMARANTHUS The Amaranthus family embraces numerous plants valuable for the beauty of their foliage; many varieties have handsomely formed and highly colored leaves. *Half-hardy annuals.*

- 14 **Amaranthus Caudatus** (Love Lies Bleeding), 3 feet. 10c
15 —**Sunrise.** The top of plant brilliant crimson, lower leaves dark maroon 10c

ARCTOTIS GRANDIS (AFRICAN LILAC DAISY)

- 16 A handsome new annual from Africa, growing 2½ feet high with whitish leaves. Its flower heads, borne on long stems are large and showy, 3 inches across; pure white on the upper surface, reverse of petals pale lilac. 10c

ASPARAGUS

- 17 **Asparagus Sprengerii.** For greenhouses or for outdoors in summer. The fronds frequently grow 4 feet long and are considered indispensable in all fine decorations; grows readily from seed sown in hotbed; makes excellent hanging baskets 10c
18 —**Plumosus Nanus.** A greenhouse perennial climber, with exquisitely graceful and feathery lace-like foliage; grown by florists for cutting. 25c

ASPERULA A most profuse bloomer, and of dwarf habit. The flowers are very sweet-scented, and last a long time in perfection; for making up small bouquets it is all that can be desired. *Hardy annual.*

- 19 **Asperula Azurea Setosa.** Azure blue. 1 foot. 10c



SWEET ALYSSUM BORDER



NEW
"ROYAL" ASTER

NEW "PEERLESS PINK" ASTER

41 This is conceded to be the finest pink late-branching Aster ever offered. It is of American origin and has given splendid results the past three years. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September. (See cut.) Pkt. 15c.

NEW GIANT FLOWERING "MIKADO" ASTERS

A new early-flowering section of great merit, not only for garden purposes, but of even more value for early cut flowers for florists. Extra early flowering Asters have heretofore been produced at the expense of either size, doubleness, substance or length of stem, but the Mikado Comets are equally as good as later flowering sorts and come into bloom in the open ground with us by the middle of July. The biggest early Asters we know of; really large, fine flowers, $3\frac{1}{2}$ to 4 inches across, of very double, graceful comet type; splendid substance and long stems; plants healthy and sturdy, of branching habit, 18 inches high, very free bloomers.

- | | |
|----------------------------------|-----|
| 42 Aster, New Mikado, white..... | 10c |
| 43 —New Mikado, rose..... | 10c |
| 44 —New Mikado, lavender..... | 10c |
| 45 —New Mikado, mixed..... | 10c |

QUEEN OF THE MARKET ASTERS

Earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; double flowers borne on long stems, rendering them of exceptional value for cutting. Their extreme earliness makes them very valuable for the florist.

- | | |
|---|-----|
| 46 Aster, Queen of Market, White..... | 10c |
| 47 —Rose..... | 10c |
| 48 —Purple..... | 10c |
| 49 —Crimson..... | 10c |
| 50 —Mixed Colors, from Named Sorts..... | 10c |

IMPROVED VICTORIA ASTERS

Magnificent flowers, massive and showy, with regular overlapping petals double clear to the centre. The flowers measure four to five inches across. The plants grow very evenly, about eighteen inches high, and carry from twenty-five to forty flowers on a plant.

- | | | | |
|--|-----|-------------------------------|-----|
| 51 Aster, Improved Victoria, pure white..... | 10c | 53 —Dark Blue..... | 10c |
| 52 —Light Blue..... | 10c | 54 —Rose..... | 10c |
| | | 55 —Colors, finest mixed..... | 10c |

Collection of Four Separate Colors, 35c

New "ROYAL" Asters

Without doubt one of the best, by many considered the very best, general purpose, early Aster introduced. The flower stems start from the plant close to the ground, are free from laterals and consequently give their full strength to the production of numerous large, handsomely proportioned flowers. Sown early, inside, plant out with Queen of the Market; it follows that variety very closely as regards blooming season.

Royal sown with the late varieties possesses all of the characteristics of Late Branching, but comes into bloom ahead of the Early Branching. Because of its vigor and productiveness it will succeed under conditions which would be fatal to most other varieties.

In our belief no other strain of Asters will give more general satisfaction. Best selling varieties. Royal White and Royal Shell Pink are larger and a little later than the other colors. Royal Lavender and Royal Lavender Pink are the earliest, and are especially well adapted to growing under glass.

- | | |
|-----------------------------------|----------|
| 20 Aster, New "Royal," White..... | pkt. 15c |
| 21 —New "Royal" Shell Pink..... | pkt. 15c |
| 22 —New "Royal" Lavender..... | pkt. 15c |
| 23 —New "Royal" Mixed colors..... | pkt. 10c |

PAEONY-FLOWERED PERFECTION ASTERS

Large and remarkably fine flowers, with long, beautifully incurved petals, resembling those of the Paeony. Stems are long, stiff and nearly upright, making it splendid for cutting. One of the finest Asters cultivated; grows two feet high.

- | | | | |
|----------------------------------|-----|-------------------------------------|-----|
| 24 Aster, Perfection, white..... | 10c | 28 —Light Blue..... | 10c |
| 25 —Brilliant Rose..... | 10c | 29 —Dark Blue..... | 10c |
| 26 —Crimson Ball..... | 10c | 30 —Brilliant Scarlet..... | 10c |
| 27 —Gravollette, blood-red..... | 10c | 31 —Victoria Red..... | 10c |
| | | 32 —Mixed Colors, extra choice..... | 10c |

Collection of eight separate colors.....50c

GIANT COMET ASTERS

These very beautiful Asters have flowers of immense size, often 6 inches across, composed of long, wavy and twisted petals, formed into a loose yet dense half globe resembling the Japanese Chrysanthemum.

- | | | | |
|-------------------------------|-----|------------------------------------|-----|
| 33 Aster, New Giant Rose..... | 10c | 37 —The Bride, white..... | 10c |
| 34 —New White Giant..... | 10c | 38 —Giant Purple..... | 10c |
| 35 —Crimson Giant..... | 10c | 39 —Giant Lavender..... | 10c |
| 36 —Light Blue Giant..... | 10c | 40 —Giant Comet, mixed colors..... | 10c |



NEW ASTER
"PEERLESS PINK"



SEMPLÉ'S EARLY BRANCHING ASTER

BALSAM (LADY'S SLIPPER)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in greatest profusion; of easy culture; succeeds in good rich soil. *Tender annual.*

- 71 Balsam, "Queen's White." Comes uniformly double, pure white and exceedingly firm, with a slight tinge of pink on the back.....10c
- 72 —"Maiden's Blush." A very charming and delicate shade of pink.....10c
- 73 —Scarlet Spotted. These are very fine.....10c
- 74 —Rose Flowered. Double, choicest mixed.....10c
- 75 —Camellia Flowered. Double, embracing all the finest tints and shades, choicest mixed.....10c

BALLOON VINE

- 76 A rapid growing climber; thrives in light soil. One of the prettiest climbers, grows from ten to fifteen feet high. Oz. 30c, pkt.....10c

BARTONIA (BARTONIA AUREA)

- 77 California Golden Bartonia. This free flowering, bright and showy annual grows about a foot high and bears beautiful golden blossoms all summer. Oz. 30c, pkt.....10c

BEGONIA

Magnificent flowering plants for greenhouse culture. The "tuberous-rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from six to nine inches in circumference, and are of all colors. One foot.

- 78 Begonia Vernon. Grand variety. Fine as a pot or bedding plant, bearing fine blood-red flowers in great profusion.....15c
- 79 —Tuberous-rooted. Single mixed, from a prize collection.....25c
- 80 —Tuberous-rooted. Double mixed, extra choice.....50c



CAMELLIA FLOWERED BALSAM

SEMPLÉ'S BRANCHING ASTERS

The plants form strong, robust bushes about two feet high, bearing profusely on long strong stems, handsome chrysanthemum-like flowers, many being over five inches in diameter. The form of the flowers makes them particularly desirable as cut flowers. They flower from two to three weeks later than most sorts.

- | | |
|---|--|
| 56 Aster, Semple's Branching, white.....10c | 62 —Semple's Early Branching, pink. A seedling from Semple's Pink, blooming ten days earlier.....10c |
| 57 —Deep Crimson.....10c | |
| 58 —Shell Pink.....10c | |
| 59 —Lavender Blue.....10c | 63 —Semple's Early White.....10c |
| 60 —Purple.....10c | 64 —All Colors, mixed.....10c |
| 61 —Light Rose.....10c | |

CREGO'S GIANT COMET ASTER

Also known as *Astermums*

These truly grand Asters win enthusiastic admiration from all who see them. They are a highly developed American type of the Comet or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size, four to five and often six inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half globes, equalling some of the finer Ostrich Plume Chrysanthemums.

- 65 Aster, Crego's Giant, Pure White.....10c
- 66 —Crego, Shell Pink.....10c
- 67 —Crego's Giant, Lavender.....10c
- 68 —Crego, Mixed Colors.....10c
- 69 —BETTERIDGE'S Improved Quilled. Perfectly double, large showy Aster; flowers somewhat stiff in appearance, 1½ feet, mixed.....10c
- 70 —PURITY. Plants compact, flowers glistening pure white....10c



PHOTO OF GREGO'S GIANT ASTER. MUCH REDUCED

BRACHYCOME

The Brachycome or Swan River Daisy is a charming flower; is offered in white and blue varieties, the blue being the original color; fine for cutting. *Hardy annual.*

- 81 Brachycome Iberidifolia (Swan River Daisy), blue and white mixed..10c

CALENDULA

The old "Pot Marigold" has been greatly improved. The "Orjole" and "Trianon" are of remarkable beauty, deserving a place in every garden.

- 82 Calendula "Trianon," the Royal Marigold. The fine double flowers are very showy, of a bright sulphur yellow with very dark brown, nearly black, centre.....10c
- 83 —Meteor. Perfectly double and beautifully striped, cream color, edged with orange. Pkt.....10c
- 84 —Orjole, or Bright Yellow. The extra large double flowers are indescribably rich and glowing in tone, and of an intensely bright golden yellow.....10c

CANDYTUFT

- 85 Candytuft, Giant Hyacinth Flowered. The flowerheads are of immense size, six inches long; pure white, excellent for cutting; spikes often measure six inches long by two inches in diameter Oz. 50c....pkt. 10c
- 86 —Iberis. Fragrant, pure white, one foot. Oz. 30c, pkt.....10c
- 87 —Empress. White, large and showy spikes; fine for forcing. Oz. 50c, pkt. 10c
- 88 —Crimson. Very beautiful, one foot. Oz. 35c, pkt.....10c
- 89 —New Carmine. Produces a mass of brilliant carmine bloom. Oz. 50c, pkt. 10c
- 90 —Mixed Colors. Fine dwarf hybrids. Oz. 30c, pkt.....10c



CARNATION MARGUERITE

CALLIOPSIS

Seeds grow very readily, and may be sown where plants are to flower. They usually grow 3 feet in height, and should be given plenty of room to spread.

- 96 Calliopsis, Golden Wave.** In the annual section of the Coreopsis family this is perhaps the most effective and beautiful. A mass of golden yellow all summer..... 10c
- 97 —Annals, Mixed Colors, 2 feet** 10c

CANNAS

Crack the seeds before sowing. Sow early in a hot bed, then transplant into not too rich soil; the plants will bloom from July or August until cut down by severe frost.

- 98 Canna, Crozy's Large Flowering Dwarf French.** Finest mixed, from named sorts 10c

CENTAUREA (WHITE-LEAVED OR DUSTY MILLER)

Valuable plants for ribbon borders or edges, the silvery whiteness of the dense bushy foliage make it very effective as a contrast to colored leaved plants.

- 99 Centaurea Gymnocarpa.** Silver foliage, the best for bedding.. 10c
- 100 —Candidissima.** Dwarf, silver-leafed plant; used for border edgings and lines... 10c



CALLIOPSIS, GOLDEN WAVE

CARNATIONS

- 91 Carnation, Marguerite.** Their distinguishing characteristic and the one which makes this race of supreme importance is the fact that they will commence to flower four months after the seeds are sown. They run through quite a variety of colors—white, scarlet, carmine, rose, striped purple, violet, salmon, etc. Seed sown in the house in March and transplanted to the open ground in May will commence flowering in August. Mixed colors. 10c
- 92 —Marguerite "Snowflake."** Flowers very large and early, clear white, of delicious fragrance:..... 20c
- 93 —Double Grenadin.** A splendid variety for florists, very early, charming double scarlet flowers..... 15c

CALCEOLARIA

This is a very showy, free-flowering pot plant for late winter or spring flowering in the house or cool conservatory. The colors and markings are wonderfully rich and varied, including soft, velvety shades of crimson, maroon, brown and yellow, heavily tinged with deeper shades in same colors.

- 94 Calceolaria, English Prize Strain.** This is unexcelled and may always be depended on to produce finest flowers of all shades and markings, excellent 50c
- 95 —Hybrid,** spotted and mottled varieties, mixed 35c



CENTAUREA IMPERIALIS

CENTAUREA (OR CORNFLOWER)

A hardy annual, easily grown, flowers freely and continuously; 2 to 3 feet. Excellent for cutting.

- 101 Centaurea Cyanus, mixed (Batchelor's Button)**..... 10c
- 102 —Imperialis "Imperial Giant Sweet Sultans."** They are the result of crossing C. MOSCHATA and C. MARGARITAE, taking from the former the luxurious growth of plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh-pink to crimson, and through blues from silvery lilac to royal purple, etc., and all flowers are deliciously fragrant. They are of strong, bushy form about 3 feet high 10c

CHRYSANTHEMUM

The annual varieties of Chrysanthemums are exceedingly pretty. Plant 1 foot apart. *Hardy annual.*

- 103 Chrysanthemum, Eclipse.** Of all our new annual Chrysanthemums none are more beautiful than the "Eclipse." Golden yellow color 10c
- 104 —Tricolor.** Various shades of color, 1 foot 10c
- 105 —Burridgeanum.** Very beautiful flowers, banded with crimson, white and yellow..... 10c
- 106 —Marguerite or Paris Daisy.** Among the most useful introductions of recent years are the improved varieties of Marguerite, all allied to the Ox-eye Daisy that adorns our fields in the spring. Not only have these flowers been greatly improved in size and form, but there are now early and late-flowering varieties which give a succession of long-stemmed flowers so valuable for vase decoration during four months of the year. The Paris Daisy throws large flowers on strong stems; a small yellow centre with long white petals, the stems springing from the base of the plant, and is most attractive as a cut flower. 10c



CINERARIA HYBRIDA GRANDIFLORA

CINERARIA Magnificent and indispensable flowering plants for spring decoration, for conservatory or window garden. The flowers measure two to three inches across, are of white, blue, violet and crimson shades, usually two or more colors are shown in one flower, covering the plant with a sheet of bloom. (SEE CUT.)

- 107 Cineraria Hybrida Grandiflora.** A splendid strain of large flowering hybrids, dwarf, compact and bushy. Mixed colors. Extra choice.....50c
108 —Hybrids. Large flowering, mixed colors.....25c
109 —Stellata (Star Cineraria). A large flowering Cineraria, with twisted or quilled petals similar in shape to a true Single Cactus Dahlia, a favorite wherever grown. The plants make a most effective display either for greenhouse or house decoration. For table decoration it is admirable.....35c

CLARKIA These are effective border plants, showy and profuse bloomers, adapted to cool or shady locations. *Hardy annual.*

- 110 Clarkia Elegans.** Finest double varieties, mixed. One and a half feet. 1 oz. 50c, pkt.....10c

CLEOME PUNGENS (^{GIANT SPIDER} PLANT) Seed sown in open ground in May commences blooming July 1st, and continues in the greatest profusion until frost; attaining a height of five or six feet, with great panicles of deep purplish pink bloom. It is exceedingly showy, and where a tall plant is desirable, no annual can surpass it. Heads of flowers a bright rose color with long antennae-like stamens. Excellent in the West.

- 111 Cleome Pungens.** (Spider Plant).....10c

COBAEA The Cobaea is one of the most useful, beautiful and rapid growing of our climbing annuals, with large, fine foliage, large bell-shaped flowers, at first green, and changing to purple-lilac, almost one and a half inches long and two inches in width. For covering verandahs and fences nothing surpasses the Cobaea. Very useful in the conservatory for winter. *Half-hardy annual.*

- 112 Cobaea Scandens,** blue.....10c
113 —Scandens, white.....10c

COCKSCOMBS OR CELOSIA The Cockscomb is quite easily grown from seed, and is certainly one of the most showy and brilliant of annuals. The combs of the best varieties often grow a foot or more across the top. Much prized for beds in summer. Sow seeds in March in the house, and transplant as soon as large enough to handle.

- 114 Cockscomb, Dwarf,** finest mixed10c
115 —Glasgow Prize. Dwarf, with dark leaves and large crimson comb10c
116 —Ostrich Plume. A most attractive strain, with very fine long plumed or feathered flower sprays. Mixed colors.....10c
117 —Pink Plume. The flowers are fresh, bright rose tint and the lower involucres change gradually to a silvery white, thus presenting to the eye a most charming combination of color10c

CYPERUS (^{UMBRELLA} PLANT) A strikingly handsome foliage plant; equally well adapted for the greenhouse or open ground. The leaves are striped in white, giving the plant a distinct appearance. It is of easy culture. *Greenhouse perennial*

- 118 Cyperus Alternifolius** (Umbrella Plant).....10c

COLEUS **119 Mammoth Rainbow Mixture.** 2 ft. The handsomest foliage plant obtained from seed. The leaves often measure 10 inches in length and 8 inches in width, heart shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellows to nearly black.....25c

CONVOLVULUS (or Morning Glory) **120 Morning Glories, Imperial Japanese.** The flowers of this charming variety are of gigantic size, exquisite diversity of colors and with magnificent marble foliage. The flowers measure from 4 to 6 inches across. Choicest mixed, Single and Semi-Double. 10c
121 —Tall Morning Glory (Convolvulus Major). Mixed colors. Oz. 25c, pkt.....10c
122 —Minor or Dwarf. Many varieties, mixed. Oz. 30c, pkt.....10c
123 —Mauritanicus. Charming half-hardy perennial of trailing habit, with light blue flowers, suitable for hanging baskets and vases10c



RAINBOW COLEUS

COWSLIP

124 The Old Favorite English Cowslip. This beautiful spring flowering dwarf (PRIMULA VERIS) bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. They are particularly pretty when grown in good sized colonies in partially shaded situations, naturalized or in shrubbery or herbaceous borders, etc. Height 6 inches10c

COSMOS This is a strong grower, and for fall blooming has no superior. Sow seed in March in the house and transplant to the open ground in May.

125 Cosmos, Early Flowering Hybrids. The earliest Cosmos in existence. The colors include pure white and shades of lilac, rose and crimson. Finest mixed, semi-dwarf.....10c

— **LADY LENNOX.** The long stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers, height 5 to 6 feet.

- 126 —Lady Lennox, Pink.** Lovely shell-pink.....15c
127 —Lady Lennox, White. A fine pure white15c

CYCLAMEN Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The culture of the Cyclamen from seed is comparatively easy.

128 Cyclamen, Persicum, Covent Garden Strain. Extra choice, mixed25c

129 —Persicum Giganteum. From prize English collections. The colors are deep crimson, purest white, rose and white with carmine spots and flakes.....50c



GIANT CYCLAMEN



DAHLIAS (FROM SEED)

- 130 Dahlias, Burbank's Mixture.** The seed is from Luther Burbank's strain. He says of it: "90 per cent. of good flowers can be expected," and most of them will be double flowers. The colors are salmon, light and dark crimson, deep purple, maroon and almost black, light straw, deepest yellow and a few white; mostly of the Cactus type..... 15c
- 131 —Single, mixed.** Great variety in color and form..... 10c
- 132 —Double, mixed.** Extra fine, saved from choicest double flowers.... 15c

DATURA (HORN OF PLENTY)

Strong growing, ornamental annuals, with large, showy flowers, making handsome plants, 2 to 3 feet high; for flower beds or borders. Easily grown from seed.

- 133 Datura Cornucopia.** A magnificent variety, stems dark purple maroon, flowers average 8 inches long by 5 inches across mouth, interiors being glistening French white, with purple exteriors 10c
- 134 —Golden Queen.** Large double golden yellow flowers, very fragrant. 10c

DAISY (BELLIS PERENNIS)

Low growing plants, producing in early spring their handsome double flowers. They grow best in rich, loamy soil and rather cool situations.

- 135 Daisy, Snowball.** The flowers are perfectly double and of the purest white, having stiff long stems 10c
- 136 —Longfellow.** This variety produces pink flowers, usually large and double; very long and stiff flower heads..... 10c
- 137 —Double.** Finest of double varieties; mixed, $\frac{3}{4}$ foot 10c
- 138 Shasta Daisy.** Hardy, of compact, bushy growth; bearing in profusion throughout the season single white Daisy flowers of immense size 10c

AFRICAN DAISY

(or *Dimorphotheca Aurantiaca* Hybrids)

- 139** A rare and extremely showy annual from Namaqualand, South Africa, which has become a great favorite in all countries on account of its very easy culture and its beautifully colored flowers. The plants, of very neat branching habit, grow about 12 to 15 inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, $2\frac{1}{2}$ to 2 $\frac{3}{4}$ inches in diameter, show unique, glossy, rich orange-gold, pink, white and purple shades, which brilliant coloring is rendered the more conspicuous by the dark-colored disk surrounded by a black zone. This splendid annual is well adapted for groups or borders; it produces its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to flower during the summer months. A bed in full bloom is a magnificent sight on bright days. Pkt..... 10c

DIANTHUS or PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese or Japanese varieties, bloom the first season, the same as hardy annuals; height 1 foot.



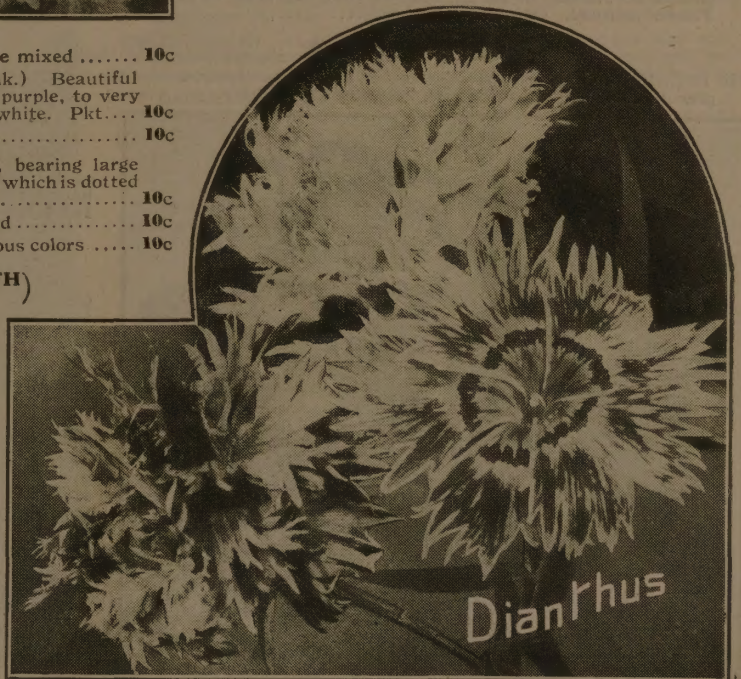
- 140 Dianthus Chinensis.** (China or Indian Pink.) Double mixed 10c
- 141 —Heddewigii Bladematus.** (Double Diadem Pink.) Beautiful double flowers; mixed, or varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. Pkt.... 10c
- 142 —Imperialis.** (Double Imperial Pink.) Mixed colors..... 10c
- 143 —Punctatus "Princess Pink."** It is an annual, bearing large fringed-edged, single flowers of several ground colors over which is dotted and blotched different contrasting colors 10c
- 145 —Heddewigii.** Finest selection, single flowered; mixed 10c
- 146 —Laciniatus.** A beautiful fringed single variety; various colors 10c

DOLICHOS LABLAB (HYACINTH BEAN)

- 147** A splendid rap'd-growing climber; flowers profusely and in clusters of white, purple and lilac flower spikes, which are followed by exceedingly ornamental seed pods. Plant the seeds where they are desired to flower in as warm and dry a situation as possible. Give support for vines to run upon. Grows from 8 to 20 feet. Half-hardy annual..... 10c

DRACAENA INDIVISA

- 148** A splendid house or garden plant with slender drooping leaves. It is used extensively as a centre plant for vases and for porch and window boxes. A useful plant for large specimens on the lawn or for jardinières, as it will thrive where many other plants would perish. It will stand full exposure to the sun and its long, graceful narrow leaves gives a beautiful effect with other plants. It is unsurpassed for hardiness in the house and eminently fitted to contrast with Palms and other Decorative plants 10c





GAILLARDIA

Beautiful showy plants, giving profusion of brilliant flowers during the summer and autumn; fine for cutting. *Hardy annuals.*

- 156 Gaillardia, Lorenziana, or Double Flowering.** Large round heads, composed of twenty to thirty flowers of orange, claret, amaranth, sulphur, etc. Splendid for cutting. *Hardy annual.*.....10c
157 —Aristata Grandiflora. Mixed colors, *Hardy annual.*.....10c

GERANIUM

The flowers are extra large, round, of the most perfect form, borne in splendid trusses. The colors include shades of scarlet and crimson, rose, pink, salmon, cream, veined pink, blush, snowy-white and all the new types. These all stand the sun, and, although perennials, they will produce nice bushy plants and flower from seeds sown the same season; twelve to eighteen inches high.

- 158 Geranium, Large Flowering.** Single, mixed from large flowering new varieties.....10c
159 —Double Mixed. Including many varieties and the newest shades.....50c

GODETIA (SATIN FLOWER)

A handsome flower and particularly useful because it will grow in shady places. They bloom a long time, and so profusely that the foliage is almost hidden by the many large wide-open flowers of shining satin texture, and of the most lovely colors.

- 160 Godetia, Duchess of Albany.** Flowers, glossy-satin white, produced in great profusion; twelve inches; very showy.....10c
161 —Lady Albemarle. Flowers large, carmine crimson shade; the edges of the petals suffused with pale lilac; dwarf.....10c
162 —Lady Satin Rose. Flowers are of a brilliant deep-rose pink, the surface shining like satin.....10c
163 —Extra Choice Dwarf. Mixed.....10c

GLOBE AMARANTH

- 164 Showy Everlasting flowers,** extensively used in winter decoration. Seed should be started in gentle heat as they are slow to germinate outside. *Tender annual.* One and a half feet.....10c

GREVILLEA (AUSTRALIAN SILK OAK)

- 165 Beautiful and graceful foliage,** valued as a decorative plant for the table or greenhouse. Three to five feet. *Tender perennial.*.....10c



GLOXINIA GRANDIFLORA ERECTA

ESCHSCHOLTZIA (CALIFORNIA POPPY)

An exceedingly showy class of plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom, as they do not stand transplanting; are perfectly hardy and will grow in every soil and bloom profusely all summer; thin to six inches apart.

- 150 Eschscholtzia Californica.** Special mixture; all the best varieties.....10c
151 —Californica, Alba Plena. Produces large percentage of double white flowers.....10c
152 —Mandarin. The outer side of the petal is a brilliant scarlet, the inside rich orange.....10c
153 —Dainty Queen. Of compact growth with flowers of creamy blush-tinted coral pink, deepening in shade toward the edges, pkt. 10c

FUCHSIA

- 155 Beautiful plants for pot culture;** waxy drooping flowers one to two inches long, of exquisite colors, red, white, pink, etc. *Tender Perennial.* Mixed, single and double sorts. One to two feet.....25c



GAILLARDIA LORENZIANA

GYPSOPHILA (INFANT'S BREATH)

Graceful, free flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting and mixing in bouquets. *Hardy annual*

- 166 Gypsophila Elegans.** White, one and a half feet.....10c

GLOXINIAS

Charming house plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in great profusion. They are often three to four inches across, and many of them are magnificently spotted, mottled and blended. One foot. *Tender perennial.*

- 167 Gloxinia, Grandiflora Erecta.** Of great beauty and diversity; mixed varieties, saved from the finest, erect-growing sorts.....35c
168 —Large Flowering, Mixed. Choice.....25c

GOURDS

Quick growing vines, desirable for covering arbors, walls, etc., producing useful and ornamental fruit of various shapes and colors. *Hardy annual.*

- 169 Gourds, Orange.** Very like an orange.....10c
171 —African Pipe or Calabash. Luxuriant, rapid growing annual climber. It produces the ornamental gourds from which are made African Calabash pipes, now so popular on account of their lightness. When grown for the production of pipe gourds, the vines are usually allowed to grow on the ground like cucumbers, pumpkins, etc., so that the fruits in the place of hanging down and growing straight, will take their natural pipe curve.....10c
172 —Gourds, Many Sorts, Mixed......10c



GIANT FLOWERED HELIOTROPE

KENILWORTH IVY

- 183 **Kenilworth Ivy**, lavender and purple. A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rockwork 10c

KOCHIA OR SUMMER CYPRESS

- 184 A highly ornamental annual of unusually rapid growth, which forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. The leaves are slender and of a light pea-green until September, when they change to a carmine and blood-red. Its bright autumn coloring has given it two other names: "**Mexican Fire Plant**" and "**Burning Bush**." This plant does exceedingly well in the West from seed sown in the open. It has a beautiful and striking appearance right up to snow falls..... 10c

LARKSPUR

A vast improvement has been effected by careful selection and attentive cultivation in the size and color of the blossoms and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted.

- 185 **Larkspur, Double Dwarf Rocket**, various colors, 1 foot. Oz. 40c, pkt. 10c
 186 — **Double Tall Rocket**, various colors, very attractive. 1½ feet..... 10c
 187 — **Emperor, Branching**, double mixed, brilliant colors, very fine variety. 1½ feet..... 10c



KOCHIA OR SUMMER CYPRESS

HELIOTROPE

Deliciously fragrant flowering plants; great favorites for pot culture in the winter or bedding out in the summer; seed must be sown in boxes and transplanted; 2½ ft. *Tender perennial*.

- 173 **Heliotrope, large flowered, mixed shades**..... 10c
 174 — **King of the Blacks**. Immense heads and very fragrant..... 10c
 175 — **Giant Flowering**. The heads of bloom of this new type often measure 8 inches across; the plants 18 inches high, are healthy, bushy and compact; the leaves are large and luxuriant. (See Cut)..... 15c

HELICHRYSUM

- 176 Handsome everlasting flowers, blooming freely till late in season; extensively used in winter bouquets of dried flowers for which purpose they should be gathered before being fully opened. *Hardy annual*.
 Double, finest mixed; 2 feet..... 10c

HUMULUS JAPONICUS (JAPANESE HOP)

The annual Japanese Hop is a most valuable and rapid-growing climber. It can be sown in the open ground in spring and will attain enormous dimensions in a very short time.

- 177 **Humulus Japonicus**. Highly recommended for the Northwest..... 10c
 178 — **Variegatus**. New, handsome, variegated foliage..... 10c

IMPATIENS SULTANI

- 179 **Impatiens Sultani (Zanzibar Balsam)**. A perennial Balsam producing gorgeously colored rosy carmine flowers. One of the most distinct and beautiful plants for window culture in winter; easy growth..... 20c
 180 — **Holstii Hybrids**. Forms strong, bushy plants about 2 ft. high, covered with attractive flowers; when grown as pot plants they bloom the year round. Choice mixed, all colors..... 25c

IPOMEAS These beautiful climbers are attractive and useful and deserve cultivation. Start seed in hot bed or greenhouse and plant out in May. *Tender annual*.

- 181 **Ipomea Bona Nox**. (Evening Glory or Good Night). Flowers expand in the evening, are large, white and fragrant; 10 feet..... 10c
 182 — **Quamoclit** (Cyperus Vine). Graceful, airy foliage and handsome flowers, scarlet and white; hardy, quite easily grown in the open ground 10c



LOBELIA, ROYAL PURPLE

- 188 **LINUM OR FLAX**. A genus of most beautiful free flowering plants; their brilliancy of color and long duration of bloom being surpassed by none. *Hardy annual*..... 10c

- 189 **LUPINUS**. The Lupinus are all handsome and graceful, with spikes of pea-shaped blossoms of various colors. They look well as a background to other low-growing annuals. Annual varieties 10c

- 190 **LAVATERA ROSEA SPLENDENS, "SUNSET"** One of the most striking hardy annuals grown in our gardens. Magnificent flowers of a beautiful rosy pink. Extremely useful for cutting, the blooms remaining in beauty for a long period. Effective in large beds or borders as the plants are covered with flowers. Height 3 feet..... 10c

- LOPHOSPERMUM**. An exceedingly ornamental greenhouse climber, bearing numerous large, rosy-purple, Gloxinia-like flowers. Also adapted for the open air, in a warm airy position, with a rich earth. Sow seed in March in a box; prick young plants out in pots. *Half-hardy annual*.

- 191 **Lophospermum Scandens Rose**, 10 ft..... 10c

LOBELIA Gems of the flower garden. As an edging the Lobelia is unsurpassed, and no plant is more effective. Easily managed, and may be had in greatest abundance from seed. *Half-hardy annual*.

LOBELIA COMPACTA VARIETIES. Little round, compact plants, 4 to 5 inches high, forming little mounds of bloom; splendid for edging, beds and ribbon gardening.

- 192 **Lobelia, Crystal Palace Compacta**. Deep blue, dark foliage; the best bedding sort. Grows only 6 in. high..... 10c

- 193 — **White Gem**. Best white sort for ribbon and carpet bedding. 10c

- 194 — **Royal Purple**. In color this is a very rich shade of violet purple, without any trace of blue, thus showing off its clear white eyes. The habit is semi-compact..... 10c

- 195 — **Emp. William**. One of the finest dwarf dark blue Lobelias.. 10c

LOBELIA-ERINUS VARIETIES

Branching plants for hanging over vases and baskets. 6 to 9 inches.

- 196 **Lobelia Speciosa Superba**, dark blue, large white eyes, very showy..... 10c

- 197 — **Gracilis**. A very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing beautiful blue flowers profusely.. 10c

- 198 — **Fine Mixed Trailing Varieties**..... 10c



MIGNONETTE, DEFIANCE

MIGNONETTE

Mignonette does best in as cool a situation as possible. When exposed to the full force of the summer heat it begins to form seeds, sometimes before the spikes are fully grown. Pick often.

- 212 Mignonette, Miles' Giant White Spiral.** This grand Mignonette grows perfectly erect; while the individual blooms are not quite as fragrant, it is a very profuse bloomer. 10c
- 213 —Golden Queen.** Dense pyramidal habit, throwing up numerous flower stalks, bearing spikes of yellowish blossoms. ½ oz. 60c, pkt. 10c
- 214 —Defiance.** When grown under favourable conditions, will produce spikes of remarkable size—from 12 to 15 inches long, and of most delicious fragrance, more so than any other variety. The individual florets are of immense size. ½ oz. 75c, pkt. 10c
- 215 —Machet.** The plant is a strong bushy grower, bearing spikes of flowers in great numbers, which are of gigantic size and perfect pyramidal shape and of a brick-red color. ½ oz. 75c, pkt. 10c
- 216 —Large Flowering, Sweet Scented.** ¼ lb. \$1.00, oz. 35c, pkt. 10c

MIMULUS

Beautiful, singularly-shaped and brilliantly colored flowers, with curious and various colored markings. Perennial for green house and Half-hardy annual for out-of-doors. Care should be taken when sowing this seed not to cover. Just sow on top of finely sifted soil and water carefully.

- 217 Mimulus Tigrinus (Monkey Flower).** Double, tube-shaped flowers, beautifully spotted; 1 foot. 10c
- 218 —Giant Emperor.** The flowers are of rich and varied colors, grotesquely mottled and figured. 15c
- 219 —Musk Plant (Mimulus Muschatus).** Foliage emits a strong, musky perfume; yellow; ½ foot. 10c

NIGELLA

Fine border plants with pretty cut foliage and curiously formed flowers which have procured for it the name "Love-in-a-mist."

- 220 Nigella Damascena (Love-in-a-mist).** Double mixed colors, 3 feet. 10c

NEMOPHILA

These charming and useful dwarf-growing and hardy annuals have a neat, compact uniform habit of growth with shades and colors the most beautiful. Arranged in any style which fancy may suggest, the effect is pleasing.

- 221 Nemophila, Choicest Mixed.** Pkt. 10c

MARIGOLD

Wherever a rich display of bloom is desired, the Marigold is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf. Succeed well in ordinary garden soil. Hardy annual.

- 199 Marigold, Golden Ball.** This is without doubt the finest double Marigold yet introduced; when grown to perfection the heads attain an enormous size and are as globular and as dense as a knitted ball. Often 4 inches in diameter and beautifully finished. A mass of these in a bed is as fine an object as one can wish in the garden during the Autumn, and the length of time the plants continue to flower is much in their favour. 10c
- 200 —Dwarf French, Single (Legion of Honor) or Little Brownie.** Grows quite regular, and only about 1 foot high, and blooms in abundance from July until cut down by the frost. The single flowers are of a lovely golden yellow, with a broad velvety blotch on each petal; of easy culture. 10c
- 201 —African Dwarf.** Mixed finest double varieties. 10c
- 202 —French Tall Double.** Finest double varieties, mixed; 2 feet. 10c
- 203 —French Dwarf Double.** Finest double varieties, mixed, 1 ft. 10c

MATHIOLA (FRAGRANT EVENING STOCK)

A garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower. Hardy annual.

- 204 Mathiola Bicornis.** Pink and lilac flowers; 1 foot. 10c

MALOPE

- 205 Handsome plants, suitable for beds or shrubby borders; large showy flowers: Hardy annual.** Mixed blue and white, 2 feet. 10c

MAURANDIA

Charming climbers, elegant alike in flowers and foliage, and of graceful and slender growth. The seed should be started in hot-bed or greenhouse. Half-hardy perennial.

- 206 Maurandia,** finest mixed. 10c

MATRICARIA (FEVERFEW)

Handsome free-flowering plants, good for beds and pot culture, with double white flowers and pretty curled foliage; 8 inches.

- 207 Matricaria Extrema Fl. Pl.** 10c

MESEMBRYANTHEMUM (ICE OR DEW PLANT)

Mesembryantheums are handsome and curious-looking trailing plants. The most popular varieties are known as Ice Plant or Dew Plant; both are well-adapted to hanging baskets, vases, rockwork or edgings; the flowers are small and white. Tender annual.

- 208 Mesembryanthemum, Ice Plant.** Singular ice-like foliage. 10c
- 209 —Dew Plant.** Rose, purple centre. 10c

MIRABILIS (Four o'Clock)

Handsome border plants, with rich, glossy leaves, profusion of bloom, divers colors and foliage. The flowers open in the afternoon, hence the name "Four o'Clock." Hardy annual.

- 210 Mirabilis (Marvel of Peru).** Mixed 2 feet. 10c
- 211 —Variegated leaved.** Flowers of a variety of colors; leaves light green, faintly marked. 10c



Nasturtiums

There are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, easiness of culture and general usefulness. They are suitable for bedding, and are handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.

TALL OR CLIMBING

- 222 **Nasturtium, Scarlet and Gold.** Yellow foliage, flowers dark crimson, scarlet, striking effects. Oz. 30c, pkt. 10c
 223 — **Vesuvius.** Salmon rose, with dark leaves, very attractive. Oz. 30c, pkt. 10c
 224 — **White Pearl.** Very attractive. Oz. 30c, pkt. 10c
 225 — **Dunnett's Orange.** Oz. 30c, pkt. 10c
 226 — **Scarlet.** Large flowers of intense color. Oz. 30c, pkt. 10c
 227 — **Scarlet Striped.** Oz. 30c, pkt. 10c
 228 — **Crimson.** Oz. 30c, pkt. 10c
 229 — **Yellow.** Oz. 30c, pkt. 10c
 230 — **"Hybrids of Madame Gunther."** These Hybrids are remarkable for their wide range of colors, embracing rose, pink, salmon, purple, velvety dark maroon, light yellow, and deep orange in self colors, as well as striped and blotched. Oz. 40c, pkt. 10c
 232 — **Tall, Mixed.** Contains many beautiful sorts. ¼ lb. 75c, oz. 25c, pkt. 10c

LOBB'S CLIMBING NASTURTITIUM

- 233 The leaves and flowers are somewhat smaller and neater than the ordinary Tall Nasturtium, but their greater profusion of bloom renders them superior. Height 12 to 15 feet. Oz. 25c, ¼ lb. 75c, pkt. 10c



CLIMBING NASTURTITIUM

DWARF NASTURTITIUM

- 234 **Nasturtium, Aurora.** The flower is of a deep chrome yellow, the upper petals showing lighter reflexes, while the two lower petals are blotched with purplish carmine and marked with bright carmine veining. Oz. 40c, pkt. 10c
 235 — **Empress of India.** Splendid dwarf variety, dark leaves and crimson flowers; splendid for contrast bedding. Oz. 40c, pkt. 10c



NICOTIANA AFFINIS



- 236 **Dwarf Nasturtium, King of Tom Thumbs.** Intense scarlet flowers, dark foliage. Oz. 40c, pkt. 10c
 237 — **King Theodore.** Bluish green foliage, flowers velvety crimson. Oz. 40c, pkt. 10c
 238 — **Golden King.** Brilliant yellow. Oz. 40c, pkt. 10c
 239 — **Crystal Palace Gem.** Sulphur yellow with maroon spots. Oz. 40c, pkt. 10c
 240 — **Prince Henry.** Flowers large, of beautiful cream color, marbled and spotted with bright crimson scarlet, frequently tipped with wine red. Oz. 40c, pkt. 10c
 241 — **Cloth of Gold.** Foliage is a clear bright yellow, and the scarlet flowers intermingle beautifully with yellow leaves. Oz. 40c, pkt. 10c
 242 — **Ruby King.** Of peculiar blue-tinted red. Oz. 40c, pkt. 10c
 243 — **Pearl.** Attractive creamy white. Oz. 40c, pkt. 10c
 244 — **Beauty.** Orange and vermillion. Oz. 40c, pkt. 10c
 245 — **Dwarf, Mixed.** Many sorts mixed from named varieties. ¼ lb. 90c, oz. 30c, pkt. 10c

NICOTIANA (TOBACCO PLANT)

- 246 **Nicotiana Affinis.** An annual with sweet-scented pure white star-shaped flowers, 3 inches across, blooming continually; 2 to 3 feet high. 10c
 247 — **Giant Red Flowered.** The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers; 5 feet. 10c
 248 — **Sanderac.** bears its brilliant flowers on bushy, many branching plants, 2 feet high. It will give a continuous display of bloom all the summer and autumn in the open ground, and will make extraordinary branched specimens, retaining their leaves to the base. Mixed colors. 10c

OENOTHERA (EVENING PRIMROSE). Charming hardy plants, large showy flowers; old favorites in the flower garden. The flowers open in the evening in a sudden and curious manner.

- 249 **Yellow, 1½ feet. Half-hardy annual.** 10c

OXALIS Exceedingly free flowering little plants with lively foliage, entirely covered from June to Sept. Useful for edgings.

- 250 **Oxalis, Choice mixed.** 10c

PANSY

Our Pansy seed has been most carefully selected and will give greatest satisfaction. The best plants are obtained from seeds sown in a seed bed in August and transplanted about the end of September to bed or border in which they are to bloom next spring; protect with a slight covering of straw or leaves during the winter. Seed sown in boxes in March and transplanted early in spring will bloom freely in autumn. To ensure best results with Pansies, strong, rich soil must be selected, the situation somewhat shaded and the plants not allowed to dry.

Pansy, Steele, Briggs' Giant Show mixture

251 This strain comprises a beautiful collection of colors and markings and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. $\frac{1}{2}$ oz. \$1.00, pkt. 35c

252 —Bugnot's Giant Pansy. Celebrated French strain of extra large size, choicest colors and beautiful broad blotches and delicate pencilings; the ground colorings are generally white or very light, bringing the elegant markings into strong relief. 40c

253 —Cassier's Superb Giant. Many of the flowers are blotched on upper petals as well as the lower, marked and shaded so as to resemble Pelargonium. 25c

254 —Odier's, or five Blotched. A very large strain of French Show Pansy with three to five blotches on the petals; blooms are of exceptionally fine substance. 25c

255 —Giant Trimardeau. The blossoms are simply enormous, perfect in form and run through all the various colors from the lightest shade to the darkest purple: $\frac{1}{2}$ oz. 75c, pkt. 15c

256 —Giant Blue. Deep blue; large dark blotch on each of three lower petals. 15c



STEELE, BRIGGS' GIANT SHOW PANSIES

257 —Parisian Giant spotted, very large. This beautiful variety of Pansy is an object of admiration when in bloom; its flowers approach the Trimardeau in size, in fact larger, but with much more varied tones of color. 25c

258 —Giant Black. Immense jet black flowers, velvety and of special good substance. 15c

259 —Giant (Lord Beaconsfield). Upper petals lavender; lower petals rich, deep violet. 15c

260 —Giant White. White, a small violet blotch on each of the three lower petals. 15c

261 —Giant Yellow. Upper petals bright yellow; lower petals have a dark eye. 15c

262 —Peacock. Beautiful ultra-marine blue. Petals edged with a thin white line, within which is a space of purplish crimson, passing into a rich central blotch of deep blue. 15c

263 —Extra choice large Flowering Mixture. Oz. \$2.50, pkt. 15c

264 —Choice mixed. Oz. \$1.50, pkt. 10c



GIANT RUFFLED PANSIES

French Giant Ruffled Pansies

265 A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from centre to circumference, not unlike "frilled" velvet. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are nearly all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met with in other pansies. The plants are vigorous and large, and flower abundantly. Mixed colors, pkt. 25c

PRIMROSE The New English Primroses comprise the most enchanting shades. They are of the easiest culture possible, growing readily and producing flowers in the greatest profusion. Protect during winter. *Half-hardy perennials.*

266 Primrose, English. Mixed.... 10c | **267 —English.** Yellow 10c

POLYANTHUS Early blooming dwarf plant, for spring flower beds or pot culture. Large round flowers, borne on stalks about eight inches tall. Yellow, maroon, crimson, etc.

268 Polyanthus (Primula Elatior). Finest gold-laced varieties. 10c

PORTULACA Brilliant dwarf annuals, luxuriating in warm situations blooming profusely from early summer to autumn. *Hardy annual.*

269 Portulaca, Double. Large flowering varieties, mixed. 10c

270 —Single. Large flowering, all colors, mixed 10c

PYRETHRUM Yellow leaved sorts. Dwarf-growing plants, used for edgings and ribbon work. *Half-hardy perennial.* $\frac{1}{2}$ foot.

271 Pyrethrum, Aureum. Golden feather, yellow foliage. 10c

272 —Selaginoides. Golden yellow, fern-like foliage. 10c



DOUBLE PORTULACA



PETUNIA, GRANDIFLORA SUPERBISSIMA

- 277 — **Giant Midnight.** Throats of deep claret crimson, almost like velvet, flowers of immense size, of a lighter crimson, heavily fringed and throats finely veined 25c
- 278 — **Giant Fringed Perfection.** A very highly developed strain, edge is deeply ruffled, and the ruffles in turn are exquisitely fringed 25c
- 279 — **Steele, Briggs Co.'s Giant Fringed and Ruffled.** These frequently measure 5 inches across, and the colorings are indescribably rich and varied. The flowers, while of the largest size, are also of improved form, having large throats and beautifully fringed edges 35c
- 280 — **Giant of California, Mixed.** This strain is exceptionally fine and a great improvement on the old California strain; of immense size. The colors range through all the shades of yellow, rose, velvety crimson, green, black and white, running off into intricate veins of exquisite beauty 25c

GIANT SINGLE PETUNIA (GRANDIFLORA SUPERBISSIMA)

- 281 A strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges and are of enormous dimensions (4 to 5 inches across), but their great merit lies in the tremendous variety of colors, markings, veinings, blotches and stripings, in the most grotesque and beautiful combinations; some with charming deep throat of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. Pkt. 35c

DOUBLE PETUNIAS

- 282 — **Steele, Briggs Co.'s Double Perfection.** The strain embraces a wide range of colors in the most beautiful combinations, including mauve, snow-white, porcelain-blue, rich-glowing red, and nearly every describable color; selected from newest types, a very large percentage coming double from seed 50c
- 283 — **Giant Fringed Snowball.** Double, pure white, exquisitely fringed and ruffled; beautiful 50c

PRIMULA (CHINESE PRIMROSE) Charming profuse-blooming plants, indispensable for winter and spring decoration in the house. They are constant bloomers, and retain their magnificent appearance for a long period. Seed should be sown in February or March, in a light sandy soil, but slightly covered and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow.



PRIMULA, CHINESE STANDARD

Petunias

For outdoor decorations few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring a rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved. The strains we offer are grown especially for us and we can safely say without contradiction, are the best that can be secured anywhere.

SINGLE VARIETIES

- 273 **Petunia, Blotched and Striped, Mixed.** Flowers with star-shaped blotches of symmetrical form; fine bedder 10c
- 274 — **Single Fringed. Stained and Striped, Mixed.** Very fine for general effect, and splendid for florists' use. 1-16th oz. \$1.00, pkt. 15c
- 275 — **Good, Mixed** 10c
- 276 — **Giant Rainbow.** Throats of deep intense yellow with radiating veins and pencillings, overlaying rich ground colors of various tints 25c



DOUBLE PETUNIA

- 284 **Primula, "Chinese Standard." Giant Flowering Chinese Primrose,** with large beautifully fringed flowers standing on erect stems well above the foliage. The colors range through scarlet, white, blue, crimson and pink. Mixed colors 50c
- 285 — **Sinensis, Giant Holborn Blue** 50c
- 286 — **Sinensis, Giant Bright Red** 35c
- 287 — **Sinensis, Giant White.** Finest pure white 50c
- 288 — **Sinensis, Giant Rose or Pink** 35c
- 289 — **Mixed, Large Flowering, Fringed** 35c
- 290 — **Double Mixed** 50c
- 291 — **KEWENSIS.** The plant makes a charming companion to the Primula Stellata varieties and is beautifully fragrant, reminding one of the scent of Cowslips. Height 18 inches 35c

PRIMULA MALACOIDES

- 292 An introduction from China that has proved itself to be one of the freest-flowering species for pots yet introduced. Seeds sown in February produce plants that will bloom from May till July, while by sowing in August it can be had in flower throughout the winter months. Flowers are a delicate shade of lilac. A fine window or greenhouse plant 25c

PRIMULA OBCONICA (JAPANESE PRIMROSE)

A profuse blooming Primrose, bearing on long stems, heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily.

- 293 **Primula Obconica Grandiflora.** The flowers are often 1 in. in diam, and thrown well above foliage, making it very attractive 15c
- 294 — **Obconica Fimbriata.** The flowers are as finely fringed as the Chinese Primrose, and are delightfully fragrant 10c

Burbank's Giant Flowering Evening Primrose

- 295 This new Primrose will succeed in almost any soil in any position. The snow-white blossoms are about four times as large as any of the older kinds, the flowers opening in the evening in a sudden and curious manner 10c

PHLOX DRUMMONDI

A very pretty hardy annual, invaluable for bedding masses and cut flowers, from its bright colors, which vary from the purest snow-white to the deepest blood-red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox.

- 296 **Phlox Drummondii Grandiflora, Splendens**, bright scarlet, with white eye, one of the finest and quite constant. 10c
 297 —Grandiflora, Alba, white. 10c
 298 —Grandiflora, Coccinea, bright scarlet. 10c
 299 —Grandiflora, Elegans, margin from rose to crimson, with large white centre or eye. 10c
 300 —Grandiflora, Isabellina, pale yellow. 10c
 301 —Drummondii Grandiflora, Mixed, finest colors, ¼ oz. 75c, pkt. 10c
 302 —Mixed, finest varieties, ¼ oz. 50c, pkt. 10c
 303 —Fimbriata or Fringed, embraces two distinct and showy colors, purple, violet and carmine; these are rendered more effective by the beautiful fringed and toothed edges of the petals having more or less a border of white. 10c
 304 —"Star of Quedlinburg." Flowers are of regular star-like form. Plant of a compact habit, bearing large umbels of flowers. Mixed. 10c

DWARF PHLOX (PHLOX DRUMMONDI NANA COMPACTA)

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow in very symmetrical neat, little bushes, about 8 inches high, covered with flowers during the whole summer and fall, as large as those of the Drummondii and as easy to grow.



PHLOX
DRUMMONDII

POPPIES

Exceedingly showy plants, making a gorgeous display in the flower garden. The seeds must always be sown where the plants are to remain as they will not bear transplanting.

SINGLE ANNUAL POPPIES

- 308 **Poppy Glaucum** (New Tulip Poppy). Flowers 4 inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms a round cup of flower which resembles a single tulip. 10c
 309 —**Shirley**. The colors are mostly light many having wide margins on the petals. The flowers are large, single and extremely showy. It will give great satisfaction. 10c

DOUBLE ANNUAL POPPY

- 310 **Poppy, White Swan**. Pure snow-white, double flowers of perfect form, large size, very beautiful. 10c
 311 —**Mikado**. Long feathery petals, white fringed, with crimson. 10c
 312 —**Chinese**. Double Dwarf, magnificent flowers; mixed colors. 10c
 313 —**Carnation**. Double, splendid, large flowers, mixed colors, 2 feet. 10c



Salpiglossis

RICINUS

(CASTOR OIL PLANT)

This stately and imposing Ricinus, with its ornamental foliage and showy fruit, gives a sub-tropical effect on the lawns, or for centre of beds with foliage plants, or where planted thickly, will form a handsome screen or hedge.

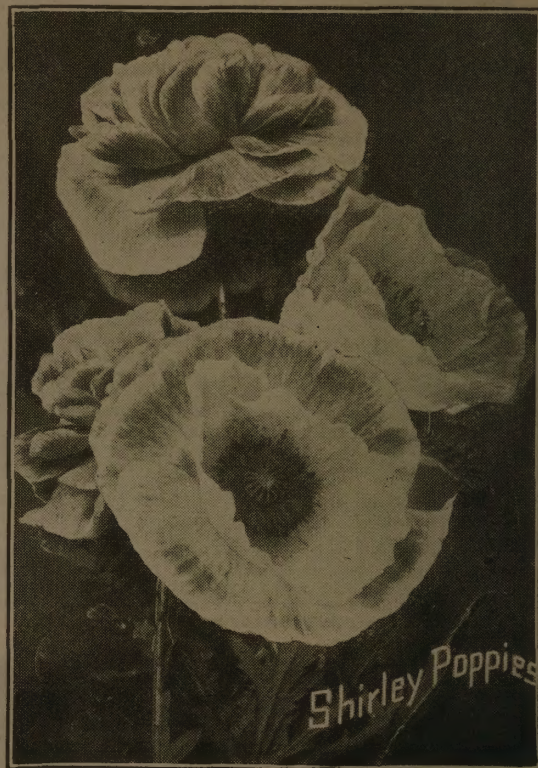
- 314 **Ricinus, Borbonensis**. Large handsome green foliage; 6 feet. 10c
 315 —**Sanguineus**. Deep red stalk, scarlet fruit; 5 feet. 10c
 316 —**Zanzibarensis**, "Giant of Africa." The enormous bronzy green leaves are fully 2½ feet broad, beautifully lobed; the whole plant has a distinct and novel appearance. 10c

RHODANTHE A charming EVERLASTING flower of great beauty, a very compact and ornamental plant, producing a beautiful effect in beds or ribbons: its silvery, rose-tinted flowers are in great demand for winter decoration. *Half-Hardy Annual*.

- 317 **Rhodanthe**, mixed. 10c
ROSE 318 "Little Midget." These little roses are only about an inch across, usually very double, but occasionally semi-double and seldom single. They are borne in many-flowered clusters, and contain all the tints of cultivated roses. What is most remarkable, these "Little Midget" roses grow only 10 inches high, and commence blooming a few weeks after germination. The seeds should be sown in boxes in the house or hot frame. 10c

SALPIGLOSSIS Beautiful plant, varied colors; 1 to 2 feet. Start in hot-bed; transplant in rich soil. *Half-hardy annual*.

- 319 **Salpiglossis, Giant Emperor**. A flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne on dwarf sturdy, branching plants, not exceeding 24 inches in height, that do not require staking. The colors, red, blue, yellow, pink, etc., in various shades, are intricately netted, pencilled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. The long stemmed flowers are also fine for cut flowers. 10c
 320 —Large Flowering, Mixed. 10c



Shirley Poppies



SCHIZANTHUS "PINK BEAUTY"

SOLANUM (JERUSALEM CHERRY) It is well adapted for garden or pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental.

331 *Solanum Capsicastrum*. One and a half feet..... 10c

SWEET SULTAN (CENTAUREA MOSCHATA) A free-flowering, very effective hardy border plant. The flowers have a delicate honey perfume, and are highly prized for bouquets. *Hardy annual*.

332 *Sweet Sultan*. Mixed colors..... 10c

STOCKS (LARGE FLOWERING TEN WEEKS) The Stock is one of the many popular plants, either for bedding and duration of bloom, it is unsurpassed. Of delightful fragrance. For early flowering start the seed in a greenhouse or hotbed, and transplant into the garden in May, after all danger of frost is over. *Half-hardy annual*.

333 *Stocks, Large Flowering, Blood Red*... 10c
334 —Crimson..... 10c
335 —Light Blue..... 10c



RED SUNFLOWER

SALVIA (FLOWERING SAGE) One of our handsomest summer and autumn flowering plants, when they are literally ablaze with brilliant flowers; very effective for massing on the lawn or for ribbon beds. Seed should be sown early in a hot-bed or greenhouse, and transplanted to small pots and set out in the border in June; three feet. *Half-hardy perennial*.

321 *Salvia, Splendens*. (Scarlet Sage.) Scarlet..... 10c

322 —*Lord Fauntleroy*. The plant blooms early and blazes in dazzling scarlet all through the summer and fall, and cannot be excelled for decorative purposes..... 10c

323 —*Bonfire*. A splendid dwarf variety with large erect spikes of rich scarlet flowers; height two feet..... 10c

SCABIOSA (MOURNING BRIDE OR SWEET SCABIOUS) One of the handsomest summer border plants, producing profusely double flowers in a variety of shades and colors; splendid for table bouquets. *Hardy annual*.

324 *Scabiosa, Snowball*. (Candidissima Alba Plena.) Double, pure white flowers, excellent for florists' use; two feet..... 10c

325 —*Nana, fl. pl.* Dwarf, flowers extremely double; one foot, mixed.. 10c

326 —*Large Flowering, Tall, Mixed*. Double, all colors, two feet.. 10c

SCHIZANTHUS (BUTTERFLY FLOWER) In this charming variety we have one of the finest annuals in cultivation. The flowers are as handsome as some orchids. *Half-hardy annual*.

327 *Schizanthus*. Fine mixed..... 10c

328 —*Wisetonensis*. Largely used as a pot plant. It is remarkably free flowering, and presents a beautiful appearance with its myriads of blooms..... 15c

329 —*Retusus*. (Pink Beauty.) This is a clear rose pink variety, a pure self without any marking or shading whatever, and a distinct advance upon anything of this color among Schizanthus. As pot plants most effective for grouping and a really charming subject when cut for table decoration, the flowers being of good substance, lasting well, and are equally effective either in natural or artificial light. Pkt... 40c

SMILAX (MYRSIPHILLUM)

Perennial climber, with dark, glossy foliage and small white flowers, splendid for greenhouse or conservatory; six to ten feet.

330 *Smilax Asparagoides*. (BOSTON SMILAX)..... 10c



336 *Stocks, Purple*..... 10c

337 —*Pure White*..... 10c

338 —*Bright Pink*..... 10c

339 *Stocks, Mixed, Large Flowering*. All choice double large flowering..... 10c

340 —*Dwarf, Ten Weeks, Mixed*.. 10c

341 —*Snowflake Improved*. A beautiful dwarf-growing variety; very large double snow-white flowers..... 15c

342 —*Princess Alice* (Cut and Come Again). A fine perpetual blooming Stock, growing about two feet high, bearing clusters of very double pure-white fragrant blossoms... 10c

343 —*"Beauty of Nice"*. The color is a very pleasing pink. Under good culture the plants will grow 24 to 30 inches high. The seedlings will bloom in ten weeks. Pink..... 10c

344 —*"Beauty of Nice"*. White; splendid for winter forcing..... 10c.

345 —*"Queen Alexandra"*. Rosy lilac..... 10c

SUNFLOWER OR HELIANTHUS The Helianthus or Sunflower is an old and well-known flower. Many of the new and best double varieties are attractive, and produce a fine effect among shrubbery, or when used as screens, growing from four to six feet in height. *Hardy annual*.

346 *Helianthus Californicus, fl. pl.* Extra large and very double flowers. Four to five feet high. Pkt..... 10c

347 —*Globe of Gold*. Flowers immense, from twelve to fifteen inches in diameter, globular and extremely double. Four feet high. Oz. 50c, pkt... 10c

348 —*Silver Queen*. The whole plant is covered with dense silver-white foliage, the flowers are numerous, single, with jet black centre, six feet... 10c

349 —*Dwarf Double Flowering*. Grows about four feet high and produces a large double flower on the top of the stalk and one on each leaf joint, the latter are borne on a short stem. Pkt..... 10c

350 —*Chrysanthemum Flowered*. Magnificent flowers, six to eight inches in diameter, densely double, showing no centre. The petals are long and beautifully slashed and fringed; color rich orange; the plants five to six feet high. Oz. 50c, pkt..... 10c

351 —*Red Sunflower*. The whole scale of colors from light pink to deepest red is to be found in these new Hybrids. The diversity of forms of these red Sunflowers is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which on their part appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk; three feet high..... 10c



VERBENAS, MAMMOTH MIXTURE

**STEELE,
BRIGGS'**
Seeds are
fully tested
for Quality
and
Germination.
All Reliable
Merchants
sell them.

STATICE SUWOROWI

352 A most elegant plant from 20 to 24 inches high. The freely branching stems carry innumerable small, bright rose-colored flowers. Extremely useful for bouquets and for winter decoration of vases; also used with great effect in rockeries..... 15c

THUNBERGIA

353 Free-flowering, handsome twiners of rapid growth; the beautiful foliage and showy flowers are both greatly admired. The colors are delicate and beautiful. Splendid for hanging baskets or window boxes. *Half-hardy annual*. Mixed Colors 10c

TROPAEOLUM

354 *Tropaeolum, Canariensis* or *Canary Bird Flower*. One of the most charming climbers, bearing an abundance of bright yellow fringed flowers, 10 feet..... 10c

VINCA (PERIWINKLE OR CREEPING MYRTLE)

Ornamental free-blooming plants for bedding. They flower from seed the first season, continuing until frost, or they may be potted and kept in bloom through the winter; a fine cut flower; 2 feet.

355 *Vinca Alba*. Pure White..... 10c
356 — *Rosea*, Rose, dark eye 10c

WALLFLOWER (HALF-HARDY PERENNIAL)

Prized for their long continuance in bloom and delicate odor of flowers. Single and double varieties of various shades of golden yellow, red and bronze.

357 *Wallflower, Double*, Fine mixed 10c
358 — *Harbinger*, Autumn and winter flowering wallflower; flowers brown 10c
359 — *Single*, splendid mixed; 1½ ft. 4oz. 25c, pkt 10c

MAMMOTH VERBENAS

This distinct and beautiful race is worthy of a place in every garden. The average trusses measure 6 to 8 inches in circumference and the individual florets on properly grown plants over half inch across. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from spring until late in the autumn. These form luxuriant plants and bloom the first season from seed.

360 *Verbena, Mammoth*. Mixed colors. Pkt..... 15c
361 — *Coerulea*. Large blue flowers..... 10c
362 — *Scarlet Defiance*. True, brightest scarlet, intensely rich.. 10c
363 — *Rosea*. Light Pink..... 10c

364 — *Pure White*, (Candidissima) 10c
365 — *Extra Fine Mixed*. From fine named sorts. 4 oz. 75c, pkt. 10c
366 — *Lemon Scented*. The delicious lemon fragrance of the leaves is very refreshing and pleasant..... 10c

WILD CUCUMBER

367 (*Echinocystis Lobata*). This is the quickest growing annual climber we know of. It will grow 25 feet in one season and for covering trellis, old trees, stumps and fences, it is unexcelled. The foliage is clean bright green with sprays of white during June, July and August. Oz. 30c..... 10c

WHITLAVIA

368 *Whitlavia Gloxinoides*. The flowers resemble a Gloxinia in shape, blue lips and a white throat; height 1 ft. 10c

VIRGINIAN STOCK

Hardy, low-growing, profuse, fragrant flowering annuals, for edges, small beds, or for pot culture.

369 *Virginian Stock*. Red and white mixed 10c

ZINNIA ELEGANS

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved compact-growing, large flowering Zinnias growing only 2 feet high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias.

370 *Zinnias, Mammoth Flowering*. This is by far the largest Zinnia in cultivation. The plant forms a handsome bush about 3 feet high, which is clothed with luxuriant foliage and blooms during a long period. The perfectly formed, very double flowers are of very striking clear and vivid colors mixed..... 15c

371 — *Pure White*. With handsome white flowers..... 10c
372 — *Scarlet*. Double fiery scarlet flowers..... 10c
373 — *Double Crimson*. Flowers very double..... 10c
374 — *Golden Yellow*. Flowers large and of perfect shape; golden yellow..... 10c
375 — *Extra Choice Mixed*. Saved from selected double flowers.. 10c
376 — *Curled and Crested*. A beautiful strain of this popular plant, petals being twisted, curled and crested into the most fantastic and graceful forms..... 10c

ZEA (MAIZE). Plants with beautifully striped, ornamental foliage. *Hardy annual*.

377 *Zea, Japonica Variegata*. Green and white striped. Oz. 25c, pkt 10c



MAMMOTH ZINNIA

Seeds that are improved, tested and true are better value than low-priced seeds handled without special knowledge and care.

Perennial Flower Seeds

Concise cultural directions are printed on every package. This important class of Flowers is quite easily grown and well rewards the care taken.

AQUILEGIA Aquilegias, or Columbines, are among the most beautiful of spring and early summer flowers and unlike many perennials, the best varieties are produced from seed. They are very effective when growing in the herbaceous border and make charming specimens for vases and table decoration. Our long-spurred Hybrids are probably the most popular; and are extremely useful varieties. These produce a mass of delightful color that is much appreciated.

- 378 **Aquilegia**. Long Spurred Hybrids, mixed 15c
 379 —**Choice Mixed**, double varieties. 2 feet 10c
 380 —**Cerulea** (Rocky Mountain Blue Columbine), fine deep blue and white; long spurs... 10c
 381 —**Grandiflora, Alba**. White extra..... 10c

ACONITUM NAPELLUS

(MONK'S HOOD). 382 A showy, free-blooming plant, which thrives well under trees, shrubs, and in other shaded situations; mixed blue and white.. 10c

ALYSSUM 383 **Golden Saxatile**. Very hardy, free-blooming dwarf plants, growing readily in common garden soil. Flowers brilliant golden yellow, completely hiding the foliage..... 10c

ANCHUSA (ALKANET).

384 **Italica Dropmore Variety**. One of the best hardy perennials, and becoming more popular each season; grows about 5 feet high, and bears in abundance all summer flowers of the richest gentian-blue. ¼ oz. 50c, 2 pkts. 25c, pkt. 15c

ANTIRRHINUM

(SNAPDRAGON)

One of the very best of our perennials. Spring-sown seedlings will blossom in beds or borders the first season. (Not hardy on the prairies).

- 385 **Antirrhinum Major**. Choice colors, mixed, 2 feet. 10c
 386 —**Giant Flowering**. The flowers are nearly double the size of the older sorts. Mixed colors 10c
 387 —**Tom Thumb**. Mixed. 1-2 feet 10c
 388 —**Queen of the North**. A most beautiful white Snapdragon; each plant will occupy from 1 ft. to 18 in. 10c

ARABIS (ROCK CRESS)

392 **Alpina**. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches 10c

AMPELOPSIS VEITCHII (BOSTON OR JAPAN IVY)

393 Valuable hardy perennial climber, clinging to walls of brick or stone; foliage dense, of glossy green, changing to red and yellow in the autumn. 30 feet... 10c

AURICULA

394 A dwarf-growing plant bearing umbels of fragrant flowers of many rich and beautiful colors. Extra choice mixed, from a prize collection. (Not hardy on the Prairies) 25c

ASTER (PERENNIAL) (OR MICHAELMAS DAISY)

These hardy perennials are easily raised from seed, and if sown early in the spring are likely to bloom the first season. They grow readily in any good garden soil, and are very attractive autumn-flowering plants.

395 **Perennial Aster**. Finest mixed 10c

CAMPANULA (CANTERBURY BELL)

The well-known, popular, large, bell-shaped flower, known everywhere as Canterbury Bell, is a biennial Campanula.

396 **Campanula, "Cup and Saucer."** A beautiful variety; a most desirable and attractive addition to the class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter, presenting the form of a saucer. Perennial 10c

397 —**Media (SINGLE CANTERBURY BELLS)**. The old-fashioned sort, with beautiful, large bell-shaped blossoms..... 10c

398 —**Double Mixed**. All the double flowering varieties..... 10c

CARNATION

399 Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering. Double mixed 10c





DIGITALIS (FOX GLOVE)

HARDY GARDEN PINKS (DIANTHUS)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

- 410 Dianthus Plumarius Fl. Pl.** Double and semi-double; mixed colors. *Perennial* 10c
411 —Plumarius Albus Fl. Pl. Pure white, double, very fine. *Perennial* 10c

GYPSOPHILA (INFANT'S BREATH) Graceful, free-flowering plant forming a symmetrical bush, covered with loose panicles of flowers. Excellent for cutting.

- 414 Gypsophila Paniculata.** White flowers, fine for bouquets. One of the favorite hardy perennials; 2 feet. 10c
415 —Paniculata, Fl. Pl. The new double Flowering Baby's Breath, and one of the finest hardy plants for cutting, as the flowers last a long time... 25c

HOLLYHOCKS

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

- | | |
|---------------------------------|--|
| 416 Hollyhock, Chater's | 419 Hollyhock, Canary 10c |
| Double Rose 10c | 420 —Crimson 10c |
| 417 —White 10c | 421 —Pale Yellow 10c |
| 418 —Blood Red 10c | 422 Double, very fine, mixed 10c |

LATHYRUS LATIFOLIUS (PERENNIAL PEA).

Handsome, free-flowering, hardy climber of great beauty, with clusters of elegant, sweet pea-like flowers in great profusion. 6 feet.

- 423 Lathyrus.** Finest mixed. 10c
424 —Albus. Pure white, elegant. 10c
425 —Splendens. Rich scarlet. 10c

LOBELIA **Cardinals.** **426** A half-hardy perennial herbaceous plant of very stately and handsome appearance, producing an abundance of large, intense scarlet flowers on a long and tender stem. 10c

LUPINUS **Polyphyllus, Mixed.** **427** Showy perennials, growing stout and erect, and producing long racemes of pea-like flowers in great variety of colors. 10c

LYCHNIS **Chalcedonica (BURNING STAR).** **428** Flowers, which are of the most fiery red imaginable, appear in clusters, each individual blossom forming a perfect Maltese cross. Will bloom from seed the first year. 10c

LINUM or FLAX A genus of most beautiful free-flowering plants; their brilliancy of color and long duration of bloom being surpassed by none.

- 429 Linum, Flavum.** Golden Yellow Flax 10c

CLEMATIS Rapid-growing climbers fine for arbors and verandahs. The flowers are very handsome, and are continually in bloom. Hardy perennial in Eastern Canada and British Columbia. 15 feet.

- 400 Clematis, Large Flowering.** Mixed (Jackman's). Flowers 3 to 4 inches across, shades of blue, white, purple, etc. 25c
401 —Paniculata. Of robust habit and covered from the ground to the summit with pure white fragrant flowers freely produced, completely hiding the foliage 10c

COREOPSIS Seeds grow very readily and may be sown where plants are to flower. They usually grow 3 feet in height, and should be given plenty of room to spread.

- 402 Coreopsis Lanceolata Grandiflora. "Harvest Moon."** It is of very strong growth and compact habit; bears sprays of large beautiful flowers of a rich golden yellow. 10c

- 403 —Lanceolata Grandiflora, "California Sunbeams."** The petals are broad, with plain round edges in some flowers, in others they are pinked, toothed or irregularly fringed. They vary in color, some of them being darker in shade around the eye. 10c

PERENNIAL CANDYTUFT **Iberis Sempervirens.** **404** A handsome profuse, white blooming, compact-growing, hardy perennial plant for permanent clumps or beds; valuable for early decoration; 1 foot. 15c

CHRYSANTHEMUMS **Inodorum, Double White.** **405** A perennial sort, flowering the first season from seed, and producing fine white double flowers; splendid for cutting for house decoration. 10c

DELPHINIUM The hardy perennial Larkspurs are remarkable for their great beauty and highly decorative qualities. The plants are of strong, vigorous habit, with large flowers in massive spikes. The principal color is light blue, shading to the darkest purple, also scarlet and white.

- 406 Delphinium Cashmeranium.** Dark blue monk's hood-like flowers. 10c
407 —Grandiflorum Double. Charming color ranging through shades of blue from delicate porcelain and white to dark violet. 10c
408 —Finest Mixed Perennial Sorts. Saved from choice collections of double flowered varieties 10c

DIGITALIS (FOX GLOVE) **409** Ornamental plants of much beauty, producing dense spikes of flowers on stems 3 to 5 feet high, and with but little attention will give a wealth of bloom during June and July. The blossoms are thimble-shaped, purple, white and spotted and very striking. *Hardy Biennial.* Fine mixed colors 10c

GAILLARDIA Beautiful showy plant, and should have a place in every border, giving profusion of brilliant flowers during the summer and autumn; fine for cutting. *Hardy perennials.*

- 412 Gaillardia, "James Kelway."** The most beautiful variety grown; immense single flowers of dazzling crimson scarlet with narrow gold edge. *Hardy perennial, 2 ft.* 10c
413 —New Perennial Hybrids. *Perennial.* Produces abundance of flowers all the summer. Mixed colors; 1½ feet. 10c



DOUBLE HOLLYHOCKS



ICELAND POPPY

PERENNIAL PHLOX 440 *Decussata*. Hardy herbaceous perennial and quite distinct from the varieties of *Phlox Drummondii*, which are annuals, offered above; all colors mixed; saved from our own unequalled collection. It is best to sow this as soon as gathered in the autumn. 10c

PYRETHRUM Flowering Sorts. Stems 2 feet high and very numerous, each surmounted with handsome flowers in bright colors. Hardy perennial.

441 *Pyrethrum Hybridum*. Flowers large, yellow, rose, white, etc.. 15c

POTENTILLA 442 *Double Hybrids Mixed*. Splendid hardy perennials with ornamental foliage and brilliant flowers, chiefly shades of yellow and red, borne in great profusion. 2 feet. 25c

POLEMONIUM *Ceruleum Grandiflorum*. (GREEK VALERIAN). 443 Hardy perennial with deeply cut foliage and clusters of handsome blue flowers. 2 feet. 15c

STOKESIA *Cyanea*. 444 This splendid hardy perennial bears from July to October a number of large, light blue flowers resembling semi-double asters. 15c

SWEET ROCKET 445 A very interesting, useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds, ribbons, etc.; is much admired for the fragrance of its flowers. 10c

SCABIOUS *Caucasica*, Perennial Scabious. 446 Handsome hardy perennials, forming a spreading and dense plant 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar soft lilac blue shade is charming. 10c



POPPY (ICELAND) (*PAPAVER NUDICAULE*). While these are perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting.

430 Poppy, Iceland, Bright Yellow. 10c

431 —Pure White. 10c

432 —Orange Scarlet. 10c

433 —Finest Mixed. All colors. 10c

POPPY (ORIENTALE) 434 A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. 10c

MYOSOTIS The popular "Forget-Me-Nots" are perennials and hardy enough to remain in the open ground, except in very cold latitudes, where they should be well protected, but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring.

435 *Myosotis Palustris* (The True Forget-Me-Not). White and blue; very attractive. 10c

436 —*Victoria*. The flowers are large, and of a bright azure blue with yellow centres. 10c

437 —*Alpestris*. Blue, 6 inches. 10c

438 —*Disitiflora*. Large sky-blue flowers. 10c

PENTSTEMON Few hardy plants surpass Pentstemons. They bloom in June and continue until late in fall. Flowers are half pendant, bell-shaped, marked and marbled in different shades.

439 *Pentstemon*. Mixed Hybrids. 15c



SWEET WILLIAM A beautiful and favorite class of plants, of extreme richness and diversity of color; very large and almost perfect in form, with trusses of great size. Hardy perennial.

447 *Sweet William* (*Dianthus Barbatus*). Finest mixed, 1½ ft. 10c

448 —*Auricula Flowered*. Flowers of great size and beautifully eyed; mixed colors, 1½ ft. 10c

VERBENA *Venosa*. 449 A handsome hardy perennial, producing purple flowers; remains in bloom a long period. Height 6 inches. 10c

VIOLET The violet is perfectly hardy and should not be wanting in any garden on account of its early appearance, delightful fragrance and profusion of bloom. Seed very slow to germinate, usually taking two months. Hardy perennial.

450 *Violet* (English). Dark blue. 10c

451 —(English). White. 10c

WAHLENBERGIA or PLATYCODON

A new tender perennial from Japan, producing all summer an abundance of star-shaped flowers, 3 inches across, of beautiful blue and white colors. It lives and blooms for years, increasing in size and beauty, and will flower the first season from seed. 3 feet high.

452 *Wahlenbergia*, mixed. 10c

Special Mixtures of Flower Seeds

To those who cannot bestow the necessary care required in a neatly laid out flower garden, the "Wild Garden" presents a substitute, which for its unusual and varied effect, for cheapness and small amount of labor necessary for its construction, has no rival. We have had many satisfactory evidences of the estimation in which the "Wild Garden" is held from those who used our seed during the past forty-five years.

453 "Wild Garden Seeds" are a mixture of over 100 varieties of hardy flower seeds mixed together, and wherever planted will ensure something new almost every day. Oz. 25c, large packet. 10c

454 *Mixture of Everlasting Flowers*. Bloom the first season and if cut as soon as the flowers are open and hung to dry, are useful for mixture with grasses for winter decoration. 10c

455 *Mixture of Fragrant Annuals*. Carefully made up from seeds of fragrant flowers only. Some are suitable for cutting. 10c

456 *Mixture of Climbers*. A liberally filled packet of seeds of many beautiful annual climbers. 10c

SWEET PEAS

through, fill in the trench. This will secure a deep planting without the bad effect to bloom continuously through the heat of summer. As flowers come into full bloom or fade they should be cut off, for if the pods are allowed to seed the plant will stop blooming.

The seed should be sown as early as the ground can be worked in the Spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 inches deep; in this sow the seed and cover 2 inches deep. As soon as the plants begin to show of deep covering of the seed at first, and so enable the plant to fade they should be cut off, for if the pods are allowed to

New Early-Flowering Long-Season Spencers

When sown out-doors they come into bloom much earlier than the Summer-Flowering Spencers, and continue blooming throughout a very long season, lasting almost, if not quite, as long as the summer-flowering type.



EARLY SPRING MAID

460 — Early Morning Star. Most distinct. Standard, a deep orange scarlet, and wings a rich orange pink. Large flowers, threes and fours, in profusion of best Spencer Form. Pkt. 25c.

461 — Early Song Bird. A beautiful soft shade of pink; flowers of excellent form, borne on long stems in threes and fours. Pkt. 25c.

462 — Early Melody. Deeper shade of pink like Hercules—a rose pink on white ground. Very floriferous and well waved. Sure to be a great favorite. Pkt. 25c.

463 — Early Spring Maid. Very handsome and attractive. Light pink on a cream ground. Carries a great wealth of blossoms on long stems. Pkt. 25c.

464 — Early Snow Flake. Finest white; large blossoms of the best waved Spencer form, borne in wonderful profusion. Pkt. 25c.

465 — Early Heather Bell. Rich pleasing mauve. After standing in water the color becomes a beautiful mauve lavender. Very large flowers of bold Spencer form. Pkt. 25c.

466 — Yarrowa. Standard rose pink on cream. wings cream, slightly tinted rose. In the open the wings have more color. A large flower of good form, beautifully waved and many of them duplex or double. Pkt. 25c, oz. 80c.

SPENCER HYBRID SWEET PEAS

467 — Afterglow. The color effect might be described as electric shades of blue and rosy mauve, the standard being reddish mauve, deeper in tone toward the base, while the wings are of a rich, electric-blue color. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

468 — Agricola. A very beautiful variety. Color white, delicately suffused soft silvery lilac. The flowers are of substance, of good size, and usually borne in fours. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

469 — "Apple Blossom" Spencer. The petals are waved and crinkled to a remarkable degree, with distinct serrations on edges of standard. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

470 — Aurora Spencer. It is a brilliant orange-rose, striped and flaked on white; of the finest Spencer form and immense size. Wavy in a marked degree. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

471 — Asta Ohn. Another Spencer of peculiar value on account of its dainty pinkish lavender tint. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

472 — Beatrice. White ground, tinted with pink and buff. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

473 — Captain of the Blues. Clear, purplish blue, robust grower, charming flower. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

474 — Clara Curtis. Light primrose, very large. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

475 — Countess Spencer. A bright, clear pink, showing a little deeper at the edges. The form is open, and the margin of the petals is wavy. Very large. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

476 — Dainty Spencer. White with pink edge. This improved type, however, has been very hard to "fix," and there is still likely to be more or less "breaks" from the Spencer type. Pkt. 10c, oz. 45c, ¼ lb. \$1.45.

477 — Dobbies' Lavender. Bluish lavender. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

478 — Elfrida Pearson. Large, pale pink. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

479 — Enchantress. The flowers are immense in size, measuring two and one-half inches in diameter; they are exquisitely waved or frilled, well placed on stiff stems, and usually produced in threes or fours. It is a bright rose-pink, becoming deeper toward the edges of standard and wings, gradually softening in tone toward the centre of the flowers. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

483 — Helen Lewis Spencer. Standard is crimson orange; wings orange-rose. Pkt. 10c, oz. 50c, ¼ lb. \$1.55.

484 — King Edward Spencer. A gorgeous and brilliant crimson scarlet. An immense flower. Pkt. 10c, oz. 50c, ¼ lb. \$1.55.

485 — King White. Pronounced the largest and best white. It has all the first-class qualities which go to form Sweet Pea perfection. It is remarkable for the glistening, immaculate purity of the whiteness and the perfect finish of the flower. It should be in every collection. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

480 — Florence Morse Spencer. Delicate blush with pink margin. Very large, with long stems and three or four blossoms to the stem. Pkt. 10c, oz. 45c, ¼ oz. \$1.45.

481 — Florence Nightingale. The color is of a charming soft clear rich lavender, which is enlivened by a very faint sheen of rose pink. Pkt. 10c, oz. 45c, ¼ lb. \$1.40.

482 — George Herbert Spencer. Bright rosy carmine, large, open, wavy form of the Countess Spencer type. Pkt. 10c, oz. 45c, ¼ lb. \$1.45.

SUPERB SPENCER SWEET PEAS—Continued

- 486 —Margaret Madison.** An exceedingly chaste variety of delicate beauty. The flowers are a clear azure-blue self, a color that is so effective in bouquets or boutonnières. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.
- 487 —Mrs. Cuthbertson.** Standard is a clear rose-pink, the wings white with a faint flushing of pale rose. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.
- 488 —Marie Corelli.** The wings are a pure rich rose-crimson, while the standard shows a tint of cherry-red. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.
- 489 —Othello Spencer.** The celebrated dark variety we offered for the first time last season. Deep maroon self. Extremely large and beautiful. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.45.
- 490 —Primrose Spencer.** Pronounced primrose color throughout, both standard and wings are thoroughly crinkled and waved. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.45.

Waved or "Unwin" Sweet Peas

Prices, pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

- 496 —Gladys Unwin,** a bold flower, with striking upright standard which is crinkled and waved; broad wings. Of a lovely light pink color.
- 497 —Frank Dolby.** A lovely light lavender with bold wavy standard.
- 498 —Nora Unwin.** Waved white flowers, large. Very free bloomer.

Earliest Flowering Types

Prices, per pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, postpaid.

- 499 —Christmas Pink.** The flowers are practically of a true apricot shade, having a cream ground with a faint touch of pink.
- 500 —Earliest of All.** Standard bright rosy pink; wings creamy white, suffused light rose.
- 501 —Mont Blanc.** Pure paper white; dwarf, early.
- 502 —Mrs. F. J. Dolansky.** Produces self-colored flowers of a bright pure pink.
- 503 —Mrs. C. H. Totty.** Flowers of a beautiful sky-blue or light lavender as the flower matures.

Large Flowering Types

Prices, per pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, postpaid.

- 504 —Black Knight.** Deep maroon, veins almost black. Practically self-colored. One of the darkest. Large size, open form.
- 505 —Bolton's Pink.** Veined with rose; large size, semi-hooded form. A beautiful flower.
- 506 —Dorothy Eckford.** One of the best pure whites. Semi-hooded; of the best form, with large wings and standard.
- 507 —Duke of Westminster.** Standard clear purple, wings purple with tint of violet. Large size, hooded form.
- 508 —Emily Henderson.** Pure white, very early.
- 509 —Florence Denzer.** Fine white. Of dwarf growth and extremely early.
- 510 —Horace J. Wright.** Violet and mauve.
- 511 —King Edward VII.** Bright red or crimson scarlet, almost self-colored, open form.
- 512 —Lady Grisel Hamilton.** Standard light mauve, wings lavender, large size, hooded form.
- 513 —Mrs. George Higginson, Jr.** Light lavender, almost azure blue, and nearly free from any tint of mauve.
- 514 —Mrs. Walter Wright.** Standard mauve, wings blue.
- 515 —Queen Alexandra.** Bright scarlet red, almost true scarlet; self-colored, medium large, semi-hooded form; holds its color well.

- 491 —Senator Spencer.** The color is striped and flaked on a ground of light-heliotrope. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.45.

- 492 —Tennant Spencer.** Purplish mauve, large wavy flowers. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.45.

- 493 —Wedgewood.** Wedgewood is a true self being a most beautiful wedgewood-blue throughout the entire flower. The flowers are well waved in both standard and wings and are borne almost uniformly in sprays of four upon long, stout stems. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.

- 494 —Vermillion Spencer.** Brilliant scarlet, bold and beautifully waved. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.

- 495 —White Spencer.** Produces flowers of enormous size that are absolutely pure white. The standard is decidedly waved, crinkled and fluted. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.45.



"COUNTESS SPENCER"

- 516 —Queen of Spain.** Pearly pink, self.
- 517 —Shasta.** Pure waxy white, large.

STEELE, BRIGGS' BEST GIANT FLOWERING "SPENCER HYBRIDS"

- 518 —All Waved or Spencer Varieties.** This mixture is made up from our carefully prepared formula and contains practically all of the true Spencer varieties introduced to date, and all in well-balanced, finely proportioned colors. We do not think it possible for anyone to make up a better mixture. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.25, postpaid.

STEELE, BRIGGS' BEST MIXTURE LARGE FLOWERING
520 From best named large flowering varieties. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.75, postpaid.

"SPENCER HYBRIDS," Good Mixture. 519 Composed exclusively of Spencer Hybrids, a new race of **Gigantic Orchid Flowering Sweet Peas**, a type which, having an open keel, hybridise easily and have produced many exquisite colors and shades. The blossoms frequently measure two inches across. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.00.

ECKFORD'S LARGE FLOWERING MIXTURE. 521 Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.60, postpaid.
522 —Fine Mixed. Oz. 20c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.25, postpaid.

Summer Flowering Bulbs and Roots

Planted in Spring, they flower in Summer and Autumn. Are easily grown and very attractive. This class of stock cannot be sent out during the severe weather. Parcels by mail, when carefully wrapped, usually carry safely after the middle of March. Shipments by express usually carry in good condition. We always endeavor to protect our customers' interests in forwarding this class of stock.

AMARYLLIS, or Knights Star Lily

An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers, which are very attractive and handsome. The bulbs should be potted in light, sandy loam, with good drainage. They are of vigorous growth and will repay the care required, being almost sure to bloom the first season. If planted outside after spring flowering they make a good growth and are ready for a second blooming in the fall. They require abundant moisture when growing, but at the season of rest water should be given sparingly.

Amaryllis Johnsonii (Barbadoes Spice Lily). This magnificent bulbous plant throws up an 18 inch spike bearing from 2 to 6 flowers, averaging from 4 to 6 inches across, of a bright, rich red color, with a white stripe down each petal; it also has a rich spicy fragrance; it is robust, luxuriant and the earliest Amaryllis; prolific bloomer of easy culture. Extra large bulbs, each, 50c; large, 30c, postpaid.

—**Formosissima** (Jacobean Lily). Intense crimson flowers with most charming and graceful appearance. The bulbs are dormant during winter, and can be kept like Dahlias. Each, 10c; dozen, \$1.00, postpaid.



AMARYLLIS JOHNSONII

BEGONIAS "ENGLISH" TUBEROUS-ROOTED

Every succeeding year the demand keeps increasing. All of the varieties are beautiful, many of them charming. The flowers are much larger, and some of them bear flowers of an almost incredible size. Not infrequently we see them 4 inches in diameter. Furthermore, the numerous varieties produce many colors, varying through all the shades of crimson, scarlet, orange and yellow, and many are pure white. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color and will bloom continuously throughout the summer. Planted in the flower border, they rival the Geraniums with their rich and varied colors, the bulbs succeeding best in light loamy soil, and a somewhat shaded situation. After blooming take up and treat same as Dahlias. If in pots, they can be gradually dried off in November by withholding water; when well dried out, put the pots containing bulbs in a dry, warm place until next April, when the roots can be shaken out and replanted for summer flowering as before.

BEGONIA, SINGLE—Scarlet, white, salmon, yellow, rose and orange. Large bulbs, each 15c, two for 25c, doz. \$1.50, postpaid. By express at purchaser's expense, doz. \$1.25.

—DOUBLE—Scarlet, white, salmon, rose, yellow and orange. Large bulbs, each 20c, doz. \$2.00, postpaid. By express at purchaser's expense, doz. \$1.50.

BESSERA ELEGANS Bessera Elegans, or Coral Drops. A summer-flowering bulb, requiring the same treatment as the Gladiolus. It is a splendid companion to Milla Biflora, as it grows about the same height and makes with that lovely flower a pretty contrast. The flowers are one inch in diameter, drooping in clusters, fine scarlet, with



BESSERA ELEGANS

a white band through the centre of each petal. Each 10c, doz. \$1.00, postpaid.

COOPERIA DRUMMONDI (The Giant Fairy Lily)

Cooperia Drummondii should be planted in the spring in open ground, where they bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. The foliage is quite long, and of peculiar lavender-green color. In the fall the bulbs should be lifted and kept dry over winter, like Gladiolus. It is one of the easiest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure fairy-like blossoms are ever lovely. Each 6c, doz. 60c, postpaid.

SPOTTED LEAF CALLA

"Richardia Alba Maculata." This magnificent Calla gives excellent satisfaction; leaves deep, rich green, exquisitely ornamental with pure white marks; flowers pearly white, glossy black centre, easily grown. Each 20c, 3 for 50c, doz. \$2.00, postpaid.



SINGLE AND DOUBLE BEGONIAS

CALADIUM ESCULENTUM

or "ELEPHANT'S EARS"

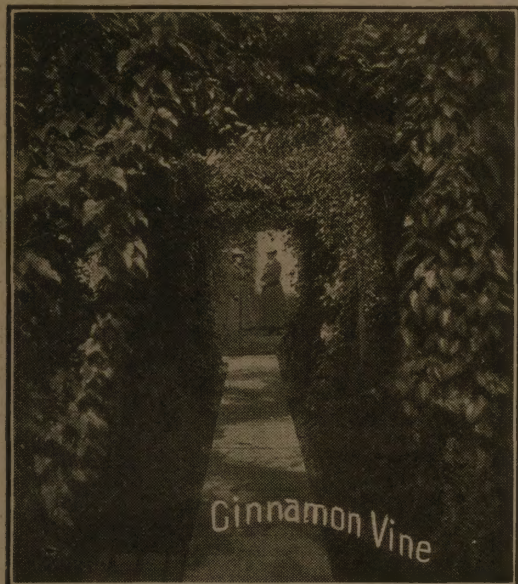
One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. With such treatment a select size bulb will make a plant about 5 feet high, with leaves 3 feet long and 20 inches wide. Start early in the house. Extra large bulbs, each 25c, doz. \$2.50, postpaid. By express at purchaser's expense, each 30c, doz. \$1.75.

Fancy Leaved Caladiums

A superbly ornamental foliage plant for greenhouse, conservatory, window boxes or for planting out-doors in a sheltered and shaded location. The leaves vary greatly in the richly covered variegation, very desirable for decorative purposes during the summer. The bulbs we offer are grown from one of the finest collections of named varieties. Mixed bulbs, each 30c, 4 for \$1.00, postpaid.

CINNAMON VINE

A pretty, hardy, rapid growing vine, with neat, glossy cordate foliage. In midsummer it bears clusters of tiny but fragrant flowers with an odor like cinnamon. A very pretty vine to train over a trellis or around a window. Each, large roots, 15c, doz. \$1.50, postpaid.



CALADIUM ESCULENTUM

GLOXINIAS

Charming greenhouse plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in greatest profusion. They are often 3 to 4 inches across, and many of them are magnificently mottled and blended. They bloom continuously for months.

Gloxinia, Scarlet, Blue, White, Spotted, or mixed colors. Each, 25c, doz. \$2.50, postpaid.

DIELYTRA, or DICENTRA (Bleeding Heart)

A superb plant, without which no garden is complete. The flowers are borne on long graceful curved stalks, hanging like rows of pendant gems, delicate rose colored and white, with purple lips. It will endure the coldest winter without protection, and is also excellent for cut flowers in winter, forcing very readily.

Dicentra Spectabilis. Strong roots. Each 25c, 3 for 70c, postpaid. By express at purchaser's expense, doz. \$1.75.

HYACINTHUS CANDICANS

(GIANT SUMMER HYACINTH)

This plant somewhat resembles the Yucca, although not so large. It throws up a flower stem about 4 feet high, on which it bears from 5 to 20 pure white bell-shaped flowers. Each 15c, doz. \$1.50, postpaid.



IRIS FLEUR-DE-LIS or FLOWERING FLAG

MADEIRA VINE

A climbing, tuberous-rooted plant known as "Climbing Mignonette." It is a rapid grower, with thick, dark green glossy leaves and feathery racemes of fragrant white flowers in great abundance. Each 10c, doz. \$1.00, postpaid.

MILLA BIFLORA

(MEXICAN STAR FLOWER)

Milla Biflora. A beautiful Mexican summer-blooming bulb. Flowers star-shaped, 2 inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. The bulbs flower profusely and with great certainty. Height 12 to 18 inches. For an effective display, groups of 12 to 25 or more should be planted about 6 inches apart in a sunny bed. Each 8c, doz. 75c, postpaid.

IRIS, or FLOWERING FLAG

Japan Iris (Iris Kämpferi). The flowers are of enormous size, averaging from 6 to 8 inches across, and are of indescribable and charming hues and colors, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually displaying several shades, while a golden yellow blotch surrounded by a halo of blue or violet at the base of the petals, intensifies the wealth of coloring. Attains great perfection if grown in moist soil. Each 30c, doz. \$3.00, postpaid.

—European. These, the true Fleur-de-Lis—but greatly improved—are well termed "Garden Orchids." For garden and landscape decoration—groups and masses of them are very effective, being perfectly hardy, thriving and increasing year after year in any sunny situation in ordinary good soil except a wet one, which is liable to cause decay. We are confident many of them will prove revelations of beauty to Iris lovers. Hardy on the Prairies. Mixed colors. Each 25c, doz. \$2.50, postpaid.



HARDY LILIES

For grand distinctive flowers, yielding a liberal bloom, there is nothing so satisfactory and gratifying as a good assortment of lilies. All lilies require deep planting and should not be disturbed for several years. In almost every case flowers will be obtained the first summer after planting, but it will be quite as well for the health of the plant if there is no bloom until the second season. In our northern climate it is well, before winter, to cover the ground over and around the bulbs with three or four inches of leaves or straw or coarse manure as a winter protection.

Lilium Auratum. "Golden Banded Queen of Lilies." Ivory-white ground richly strewn with purple studs. The centre of each petal has a broad band of yellow extending from tip to base. Fully expanded, the flowers measure nearly a foot across. are produced abundantly and possess a most delicious fragrance. Each 25c, doz. \$2.50. Postpaid, each 30c, doz. \$3.00.

—Lanceifolium Album. The well-known, beautiful, snow-white fragrant hardy garden lily; flowers trumpet-shaped; 6 to 8 inches long, height $4\frac{1}{2}$ to 5 feet; in open ground blooms in July. Each 30c, 3 for 75c, postpaid.

—Speciosum Monstrosum Rubrum. White ground with band and spots of rose and crimson on each petal. Each 25c, doz. \$2.50, postpaid.

—Tigrinum Splendens (Tiger Lily). Very large flowers; orange, spotted black. Each 20c, doz. \$1.75, postpaid.

—Tiger Lily, Double (Tigrinum fl. pl.). A plant 4 to 6 feet high with dark green foliage, double bright orange red flower. Each 25c, doz. \$2.50, postpaid.

—Candidum (White Garden Lily). This lily is the emblem of purity. The deep lemon anthers contrast beautifully with the wax-like petals. The fragrance is delicious, never oppressive; hardy. Each 25c, doz. \$2.50, postpaid.

—Elegans, Mixed. Embracing beautiful and distinctive new varieties which, both for pot culture and for masses of color in the open garden are unsurpassed. They are very hardy, and grow and thrive under almost any conditions. Each 15c, doz. \$1.50, postpaid.

—Speciosum Melpomene. White, suffused with darkest crimson. Flowers very large and fragrant, makes a very beautiful specimen plant. Each 25c, doz. \$2.50, postpaid.

—Wallacei. This lily is very floriferous, each bulb throwing up from four to six flower stems, each one of which is crowned with eight to ten beautiful upright blossoms. of a delicate, bright apricot color. It is very perfect in form and a most delicate sort. Each 25c, doz. \$2.50, postpaid.

SUMMER FLOWERING OXALIS

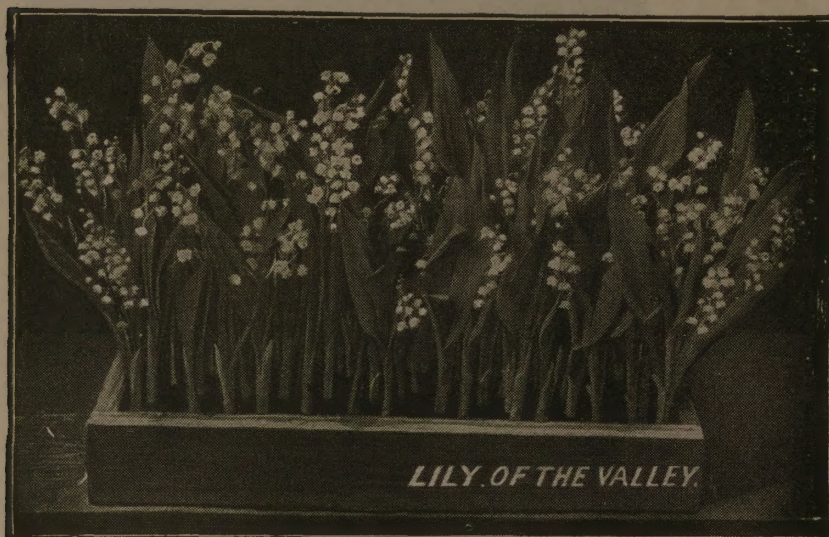
No bulb is so valuable for edging the borders of walks or flower beds as the beautiful flowering Oxalis. When placed three inches apart they produce an unbroken row of elegant foliage and pretty flowers; and as they bloom very quickly after planting they furnish a neat and attractive border the whole season. They are also splendid when planted in a mass, and make a very showy bed. The bulbs, which are the size of peas or larger, can be planted the first of May, or perhaps earlier, and will be in bloom by the first of June. Mixed colors. Doz. 25c, 100 \$1.50, postpaid.

EXCELSIOR DWARF "PEARL" TUBEROSE

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camellia; deliciously fragrant. Extra size bulbs, each 20c, doz. \$2.00, postpaid. By express at purchaser's expense, 100 \$4.00.

MONTBRETIA "FIRE KING"

This is one of the most floriferous and showy of summer-flowering plants. Plant 6 inches apart in a group in a sunny position and allow to remain undisturbed. They produce in great numbers graceful spikes bearing from 18 to 30 showy star-shaped flowers of orange-red. They flower freely the first season. Each 10c, doz. \$1.00, postpaid.



"PEARL" TUBEROSE

LILY OF THE VALLEY

(CONVALLARIA MAJALIS). This beautiful plant is a universal favorite. It is extensively grown for forcing in the winter and early spring months, producing tender stems, set with tiny bells of snowy whiteness, diffusing a delicate odor. It may be planted indoors in baskets of moss, boxes and vases.

Lily of the Valley. Home grown stock for outside planting. Single crown pips, pure white, large and strong, finest for forcing. Doz. 50c, postpaid. By express at purchaser's expense, 100 \$2.50.

IT PAYS
TO
SOW
THE BEST
SEEDS

LARGE FLOWERING CANNAS

The following varieties are postpaid at prices quoted.

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. For out-door bloom in the North-West, get the plants well started in the house and transplant after danger of frost.

—**Canna, Buttercup.** A profusely blooming dwarf Canna of thrifty habit, bearing large flowers of pure "buttercup" yellow. 3 feet. Each 20c.

—**Charles Henderson.** A splendid dwarf, compact grower; color, bright crimson, very handsome, bright green foliage. 2½ feet high. An excellent pot plant. Each 15c.

—**Crimson Bedder.** Intense crimson scarlet, 3 feet high. Each 15c.

—**David Harum.** Foliage dark bronze. Strong grower, one of the freest blooming Cannas we know of. Each 20c.

—**Firebird.** A remarkable novelty with perfectly formed flowers, 7 to 8 inches in diameter, of a brilliant cardinal red; the foliage is of heavy, leathery texture; requires rich soil for best development; 4 ft. Each 30c.

—**Florence Vaughan.** A grand, bright golden yellow, heavily dotted with bright red spots, very broad petals; of dwarf habit. Each 15c.

—**Gustav Gumpfer.** An ideal rich yellow bedding Canna; a shade that has been missing heretofore and which can be seen as far as the eye will carry; 3½ to 4 feet. Each 25c.

—**King Humbert.** A brilliant orange-scarlet with bright red shading. The individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings. Height, 5 feet. Each 20c.

—**Mad. Crozy.** One of the finest; foliage bright green, bears immense trusses of orange-scarlet flowers, each petal bordered with golden yellow; about 3 feet high. Each 15c.

—**Mlle. Beret.** An exquisite shade of pink and very effective when massed with reds and yellows. Foliage is a bright green. Height 3½ ft. Each 15c.

—**Queen Charlotte.** A grand Canna with a distinct golden belt around each petal. The centre brilliant orange-scarlet with crimson tones. Each 20c.

—**Rosea Gigantea.** Extra large flowers, the mass of color on each plant is truly amazing; individual petals are 2½ in. across; a deep rich rose, almost a coral-carmine; 4 to 5 feet. Each 30c.

SPECIAL OFFER—SIX, OUR SELECTION, FOR 75c, POSTPAID.

Above prices are postpaid for dormant roots. We can supply started plants after May 20th at 25c each; \$2.50 per doz., by express at purchaser's expense. Started plants cannot be sent by mail.



CANNA, BUTTERCUP

SUPERB CACTUS DAHLIAS



CACTUS DAHLIAS

The Cactus type still takes the lead as the most popular class of Dahlia. The improvement of the last few years gave us such a high standard that it is now difficult to beat existing varieties.

The varieties offered under this head have been selected from a collection of new varieties which have been under careful trial in our own grounds the past season. They are the best of the recent introductions of the most noted Dahlia specialists, and we believe every one to be a valuable addition to the long list of Cactus Dahlias.

—**Cactus Dahlia, Amos Perry.** One of the most brilliant Dahlias; color purest flaming scarlet. Petals are long, narrow and twisted of irregular formation. Each 25c, postpaid 35c.

—**Brunhilde.** Rich plum color; very rich and deep shade. Each 25c, postpaid 35c.

—**Chas. Clayton.** Dazzling red, very free flowering. Each 25c, postpaid 35c.

—**Countess of Lonsdale.** A pleasing blending of salmon-pink and amber; color difficult to describe. Flowers freely and is nicely formed. Each 30c, postpaid 40c.

—**Country Girl.** Base of petals golden yellow; suffused with salmon, rose or old gold, deepening towards petals. Each 25c, postpaid 35c.

—**Flora.** Pure white, large flowers, beautiful form. Each 25c, postpaid 35c.

—**Gen. Buller.** Rich velvety maroon, tipped white, sometimes called the Cactus "Frank Smith"; very attractive and showy. Each 25c, postpaid 35c.

—**Harbour Light.** Immense size with long incurved petals, deep yellow; margin crimson; very attractive. Each 30c, postpaid 40c.

—**Harlequin.** Bright carmine, edged and tipped white very distinct. Each 30c, postpaid 40c.

—**H. Shoemith.** Brilliant vermillion; base bright red. Each 25c, postpaid 35c.

—**Kreimhilde.** Deep rich pink, turning lighter towards centre; stands a long time after being cut. Each 25c, postpaid 35c.

—**Mrs. H. Shoemith.** This is a pure white Cactus Dahlia. Each 30c, postpaid 40c.

—**Richard Box.** Clear light yellow, incurved stems; flowers freely; Each 30c, postpaid 40c.

—**Rosy Morn.** Bright carmine, rose tinting white towards base of petals. Each 25c, postpaid 35c.

SPECIAL OFFER—Six, your selection, for \$1.85; Six, our selection, for \$1.50, postpaid, or set of 14 for \$4.50 postpaid, or \$3.25 by express at purchaser's expense.

Show Dahlias

The Dahlia is the grandest autumn flower we have. It is in its glory during September and October, when other flowers have faded; they surrender only to the frost. Our collection of Dahlias is grown upon our own grounds, and is without doubt one of the finest in the country. We carefully grow and test new sorts every season; if such are found desirable they are retained, otherwise, discarded.

Culture.—Put Dahlia tubers in the ground when the season becomes warm, covering the neck some three inches. If many shoots start, thin them out. After flowering and before hard frost, take up the plants, remove the tops, dry the bulbs a little and put in the cellar until spring, when they can be divided and replanted.

Dahlia, A. D. Livonia. A splendid clear pink, beautifully quilled and perfect form; a very free bloomer. Each 25c, postpaid 35c.

—Arabella. Pale primrose tipped rose and lavender. Each 25c, postpaid 35c.

—British Splendor. An exceptionally fine shape, massive double flower, produced on long strong stems, color pure white delicately overlaid with Mauve. Each 25c, postpaid 35c.

—Crowhurst White. A long stemmed handsome white double Dahlia, for late cut flower purposes. It is the finest white show Dahlia in existence. It is very free flowering and continues in bloom a long time. Each 25c, postpaid 35c.

—Dorothy Peacock. Large perfect shaped flowers of bright sea-shell pink. Very early, free continuous bloomer. Each 30c, postpaid 40c.

—Dreers White. A large pure white of the same size formation as the Grand Duke Alexis. Each 40c, postpaid 50c.

—Electric. Soft rosy magenta, large, flowering free, striking. Each 30c, postpaid 40c.

—Frank Smith. Intense purplish black maroon, tipped white, the most effective of all variegated Dahlias. Each 25c, postpaid 35c.

—Mrs. Dodds. Very early flowering of clear buttercup yellow, borne on long stiff stems. Each 25c, postpaid 35c.

—Pink Swan. Silvery rose pink, very pretty. Each 25c, postpaid 35c.

—Princess Victoria. Finest pure yellow show Dahlia in existence, clear canary yellow, extremely early, profuse bloomer. Each 35c, postpaid 45c.

—Ronald. Rich salmon with large flowers of perfect form, carried well above the foliage of strong heavy erect stems. Each 30c, postpaid 40c.



DOUBLE DAHLIA
"CROWHURST WHITE"

Decorative Dahlias

The Decorative Dahlias have very large, gracefully formed flowers with broad petals. Invaluable for cut flowers.

Dahlia, Jack Rose. Best crimson for garden cutting; that brilliant crimson red which makes the Jack Rose popular and suggested the name. Each 25c, postpaid 35c.

—John Wannamaker. The color is popularly described as orchid pink; plant has distinctly branching habits, is very floriferous. Each 30c, postpaid 40c.

—Lyndhurst. Brightest vermillion; the best bright red for cutting. An early, free and continuous bloomer, with long, straight stems. Each 30c, postpaid 40c.

—Minnie McCullough. Soft yellow, tipped bronzy red, very effective, borne on long stiff stems. Each 25c, postpaid 35c.

—Mrs. Chas. Turner. Very large flowering, canary yellow. Each 25c, postpaid 35c.

—Mrs. Gardner Cassett. A large flowered velvety elegant shape. Mauve pink, a shade that is very pleasing in a Dahlia; a fine cut flower. Each 25c, postpaid 35c.

—Miss Minnie Burtle. Outclasses all others of this color and stands alone as the best rich red Dahlia in cultivation. Each 50c, postpaid 60c.

—Perle de Lyon. Splendid pure white. Similar to Perle d'Or, but better, with stronger flower stems. Each 25c, postpaid 35c.

—Sir Montifer. Finest decorative Dahlia of this color. Rich velvety crimson, almost black; plants are perfect in form, and petals gracefully arranged. Ideal as cut flower. Each 25c, postpaid 35c.

—Souvenir de Gustave Dazon. Immense size, flowers soft scarlet red, will produce flowers 6 inches across. Each 30c, postpaid 40c.

—Sylvia. Deep pink, tinting to flesh pink at centre, of perfect form, borne on long stiff stems. Each 25c, postpaid 35c.

—Yellow Duke. Canary Yellow with quilled petals; flowers borne on strong, stiff stems. Each 30c, postpaid 40c.



DECORATIVE DAHLIA

SPECIAL OFFER—6 Dahlias, your selection of any of the above, \$2.00, or 6 our selection, \$1.50 postpaid. Any 12 of the collections, your selection, \$4.50 postpaid, or \$3.50 by express at purchaser's expense.

HERBACEOUS PAEONIES

Pæony requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

Select Named Double Paeonies

Pæony, Grandiflora Superba. Very double, soft pink. Free flowering, one of the best.

—Festiva Maxima. The most popular white Pæony for cut flowers. Pure white, centre prominently flecked crimson; outer petals sometimes faint lilac-white on first opening. Tall vigorous grower. Rose type; early. Each 50c, postpaid.

—Louis Van Houtte. Rich purple lake, a noble variety; extra full and free.

—Madame Breon. Medium size, bomb type; early. White with shell-pink guards, red carpels and pink stigmas. Free bloomer.

—Boskoop Beauty. A good sized flower, outside inner petals usually tipped with pink. Each 50c, postpaid.

—Rubra Triumphant. Carmine rose. Very double.

—Formosa Alba. Extra large flowered, with high, full centre of beautiful yellow and outside petals pure white; excellent.

—Queen Victoria. White, lightly tinged with yellow centre.

—Officinalis Rubra, Fl. Pl. Reddish lilac; changing to creamy lilac; very novel.

The above Varieties each 40c, or 5 for \$1.75, postpaid except where noted. Extra large Clumps, each 45c, or 4 for a \$1.40, postpaid. If by express, deduct at the rate of 10c each.



Newest Varieties of Double Paeonies

—Pæony, L'Eclatante. Bomb type; midseason. Flowers very double and full; color deep, brilliant velvety-crimson. It makes a handsome plant, every flower standing up straight and erect well above the foliage. We think this one of the finest Pæonies. Each 65c, postpaid.

—Victor Hugo. Medium size, fairly compact, rose type bloom of violet crimson. Strong, vigorous, erect grower. Each 70c, postpaid.

—Marie Lemolne. Large, very compact, rose type, pure white with cream white centre. Odor pleasant. Medium height, extra strong stems. Each 75c, postpaid.

—Duchess de Nemours. Crown type; early. Blooms several days after Festiva Maxima. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower; gradually changes to a pure snow-white without spot or blemish. Certainly a grand Pæony. Fragrant; a fine cutting variety. Each 75c, postpaid.

—Floral Treasure. Clear delicate pink, rounding into a wondrous full flower. Each 50c, postpaid.

—Edouard Andre. A magnificent dark bedding Pæony; varnished mahogany-red; ultimately opening out to Anemone shape and revealing a gorgeous collar of gold. Each 50c, postpaid.

—Mad. Souverin. All over pure shell pink, edged creamy white; large, very full and compact and rather high built. Blooms profusely among the later sorts and is altogether one of the choicest varieties listed. Each 75c, postpaid.

Please Note—The above prices are postpaid; if wanted by express deduct 10c each.

GLADIOLI in Mixture

Quotations per 100 are sent at purchaser's expense

SUPERB GENERAL MIXTURE.—This mixture is made up of named sorts, and which have been grown under separate colors. It includes many of the choicest varieties of Childsii and Gandavensis type, also a proportion of new seedling varieties of great merit. This is the best Mixture we have ever offered, and ensures a wide range of colors, shades and types. 3 for 25c, doz. \$1.00, postpaid. (By express or freight, 50 for \$2.25, 100 for \$4.25.)

Gladioli, all colors, mixed, very choice, first size. Doz. 45c, 100 \$2.75, postpaid. 100 \$2.35, by express at purchaser's expense.

—White and Light Varieties, mixed. Doz. 80c, postpaid; 100 \$5.00, by express at purchaser's expense.

—Striped and Variegated Varieties, mixed. Doz. 70c, postpaid; 100 \$4.00, by express at purchaser's expense.

—Pink Varieties, mixed. Doz. 60c, postpaid; 100 \$4.00, by express at purchaser's expense.

—Red and Scarlet Varieties, mixed. Doz. 55c, postpaid; 100 \$3.50, by express at purchaser's expense.

—Lemolne's Butterfly, mixed. Doz. 45c, postpaid; 100 \$3.50, by express at purchaser's expense.

Groff's Hybrid Gladioli The mixture we offer comprises the widest range of colors possible, including shades of lilac, lavender and clematis, which hitherto have been practically unknown in Gladioli. The pink, red, scarlet, crimson and cerise shades are of the highest quality. The white, blue, light and yellow shades are of the purest colors obtainable. Doz. \$1.25, postpaid; 100 \$5.00, by express at purchaser's expense.

Gladioli Childsii The flowers are of great substance and of gigantic size frequently seven to nine inches across. Every color known among Gladioli is represented and many never before seen, particularly blues, smoky greys and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow, etc. Mixed from named varieties. Doz. \$1.00, postpaid; 25 \$1.75, 100 \$5.50, by express at purchaser's expense.



Choice Gladioli Roots

The Gladiolus is the most satisfactory, the most desirable and the most popular of all garden bulbs. Nothing else of the kind costs so little and nothing else grows and blooms so readily for anybody and everybody, in any soil or climate. It is, in short, the most satisfactory garden flower, thriving and blooming, as it does, with the least care and attention, and makes a display which for brilliancy and beauty of coloring, few bulbs can equal and none surpass.

CULTURE.—Plant at any time from April to July, in any fairly good soil. Set in rows four inches apart, or in masses six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots, store them in a cellar or any cool, dry place, away from frost, for planting again the following spring.

EXHIBITION COLLECTION OF 14 DISTINCT SORTS FOR \$2.25 POSTPAID By express at purchasers' expense, \$2.00

America Without an exception, America is the most beautiful and useful Gladiolus yet introduced. Strong and healthy, with luxuriant dark-green foliage. Flower spike two to three feet long. Color exquisite soft lavender pink. Each 15c, dozen \$1.50, postpaid.

Augusta Pure white with lavender anthers; strong straight spike often having branches. Each 15c, doz. \$1.50, postpaid.

Attraction Deep, dark crimson pink, with a large pure white centre free from mottling or spots, making a most conspicuous and attractive contrast. The color is one of the richest, softest and most pleasing tints to be found. Spike and flowers large, regular, and all facing one way. Each 15c, doz. \$1.50, postpaid.

Baron Hulot A really fine blue Gladiolus, in color a rich, royal violet-blue, a good grower with well expanded flowers, very effective when cut and used in conjunction with Canary Bird or other yellow variety. Each 15c, doz. \$1.50, postpaid.

Kunderdi "Glory" (Ruffled Kunderd). Each flower petal is exquisitely ruffled and fluted. Stalks grow 4 to 5 feet tall, very robust and produce from 8 to 12 massive beautiful flowers, which expand wide open, and are delicate cream-pink with a neat crimson stripe through the centre of each lower petal. Each 20c, doz. \$2.00, postpaid.

Independence Light scarlet, bearing large flowers on a straight stiff spike. Each 15c, doz. \$1.50, postpaid.



ILLUSTRATION OF SUPERB MIXTURE GLADIOLUS



GLADIOLI NIAGARA

See
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for
Gladioli
in
Mix-
tures

Panama A seedling of America which resembles the parent variety in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long with flowers large and well arranged. Each 20c, doz. \$2.00, postpaid.

Niagara In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. The flower spike is very erect and stout and is wrapped with broad dark green foliage. Each 20c, doz. \$2.00, postpaid.

Canary Bird Superb canary-yellow. Tall slender spike. One of the very best of its color. Each 15c, doz. \$1.50, postpaid.

Mrs. Francis King Light scarlet, of pleasing shape; large spike and flower. One of the very best. Each 15c, doz. \$1.50, postpaid.

Peace Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes: a beautiful and exceedingly refined variety. Each 20c, doz. \$2.00, postpaid.

President Taft Delicate pink, shaded darker at the edges. Red blotched, light line through each petal. Spike and flower of stiff large size. Each 15c, doz. \$1.50, postpaid.

White Excelsior Very strong grower, one bulb often producing 2 or 3 flower stems. Long spike; flowers of middle size. With the exception of a very small purple streak at the bottom of the throat, the flower is of a perfectly pure white color, turning into fleshy white towards the end of the flowering stage. Each 20c, doz. \$2.00, postpaid.

Fire King Long graceful spikes, showing half a dozen immense blooms open at the same time. Color, intense fire-scarlet. More brilliant than Brenchleyensis, Cardinal, Mrs. Francis King, or any other variety. Is perfectly grand; will become the leading cut-flower variety of its color. Each 20c, doz. \$2.00, postpaid.

Hardy Perennial Plants

FOR PERMANENT PLANTING IN BORDERS AND BEDS



DOUBLE HOLLYHOCKS

GAILLARDIA GRANDIFLORA

feeding. Being perfectly hardy, they require absolutely no protection. The flowers are large, 2½ to 3½ inches in diameter, produced on long stems; the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion. Assorted colors, each 15c, doz. \$1.25, postpaid.

SUPERB DOUBLE HOLLYHOCKS

as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects. The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection through the winter will be beneficial. Each 25c, doz. \$2.50, postpaid. Large plants, by express at purchaser's expense, doz. \$2.00.

HARDY PHLOXS

Among hardy herbaceous plants none are more gorgeous and more easily grown than these. They are perfectly hardy, succeeding in any garden soil, and producing magnificent spikes of showy and lasting flowers, year after year, with comparatively little care. The varieties we offer are among the finest in cultivation and comprise the best and most distinct colors. 2½ to 3 feet. Each 20c, doz. \$2.00, postpaid. Our selection, by express, \$1.50 per doz.

Phlox, Bridesmaid. A white variety with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct.

- Baron van Dedem.** Brilliant cochineal-red with salmon shadings.
- Champs Elysee.** A bright, rosy-magenta, very effective.
- Eclairer.** Brilliant, rosy-magenta, with large lighter halo.
- Edgar Quinet.** Fine deep red.
- Jeanne d'Arc.** Vigorous grower, producing very large panicles of pure white flowers.
- Le Prophete.** Bright violet-rose, bright rose eye.
- Miss Lingard.** A grand white variety; lilac eye; large individual flowers, very early.
- Mme. Paul Durie.** Delicate lilac-rose in shade like a soft pink orchid. Flowers very large, borne in immense panicles.
- R. P. Struthers.** Bright rosy carmine, with claret-red eye.
- Widar.** Bright reddish-violet, with large white centre which intensifies and illuminates the color.
- W. C. Egan.** One of the largest; color, a soft pink.

TRITOMA PFITZERII

(Red-hot Poker, Flame Flower, or Torch Lily).

In bloom from August to November, with spikes from 3 to 4 feet high and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. Each 30c, postpaid; doz. \$2.50, by express at purchaser's expense.

HARDY DOUBLE ENGLISH VIOLET

Is entirely hardy, perfectly double, a deep violet, purple color, most deliciously fragrant. It surpasses the well-known "Marie Louise," violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. Each 25c, doz. \$2.50, postpaid.

Of all the plants that are cultivated for purely ornamental purposes there are none that have made the rapid strides in public favor like the Hardy Perennials, the old fashioned garden flowers. The love for them of late years has increased so much, and it is not at all surprising when the many varied and pleasant changes are considered. They do not have to be taken up every fall and replaced every spring. The following list has been selected with care, and contains a fine assortment of plants that make valuable permanent beds. They flower at different periods, so that a succession of bloom may be obtained from early in summer until after frosts in the fall.

AQUILEGIA

(COLUMBINE). These make excellent border plants, unrivalled for beauty of form and rich blending of colors. Our collection includes a variety of colors, although not offered separate; they will give a pleasing effect to any flower garden. Each 20c, postpaid. Large clumps, by express at purchaser's expense, doz. \$2.00.

ANEMONE

(JAPANESE WINDFLOWER)—**Japanica Alba.** One of the best hardy plants, invaluable for garden display and cut flowers during autumn; white, 2 to 3 feet.

—**Rosea.** The original pink variety, still highly esteemed. Clumps, each 25c, 3 for 70c, postpaid.

CAMPANULAS

(CANTERBURY BELLS). Indispensable hardy garden flowers, of great variety of form, being of tall and imposing habit. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. In choice mixed colors; 3 feet. Each 20c, 4 for 75c, postpaid; doz. \$1.50, by express at purchaser's expense.

SHASTA DAISY

Mixed seedlings, all having large snowy white flowers, in bloom continuously throughout the entire summer and fall. Each 25c, postpaid; doz. \$1.50, by express at purchaser's expense.

DELPHINIUM

(LARKSPUR). A most important class of free flowering and ornamental foliage perennials, of easy culture in ordinary rich loam. The tall growing sorts are admirable for the back portion of the border or for grouping among shrubs, while the lower growing species do finely in all positions in the border. All are of the greatest value for cut flower purposes. Each 25c, doz. \$2.50, postpaid. Large clumps, by express at purchaser's expense, doz. \$3.00.

DIGITALIS, or FOXGLOVE

These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely spikes 4 to 5 feet high, well furnished with large Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. They are more robust than the ordinary garden Digitalis, having stouter stems and larger flowers. Each 20c, doz. \$2.00, postpaid; doz. \$1.50, by express at purchaser's expense.

Gaillardias are among the showiest and most effective of hardy perennial plants. They will thrive in almost any position or any soil, but respond freely to liberal protection. The flowers are large, 2½ to 3½ inches in diameter, produced on long stems; the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion. Assorted colors, each 15c, doz. \$1.25, postpaid.

Stately, majestic, hardy plants, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery.



TRITOMA PFITZERII



Hardy Hybrid Tea Roses

CULTURE.—The rose requires an abundance of sunlight and Tea Roses should be planted in a sandy loam when possible, taking care that it is well drained. Dig in a quantity of well rotted barn-yard manure, making sure that it is thoroughly decomposed. Strong 2-year-old budded plants are best as roses on their own roots do not give good satisfaction in Canada. Plant Tea Roses 2 feet apart each way. One of the simplest methods for winter protection is to earth the stems up 6 or 8 inches in the autumn, this will protect the lower part of the stem. Where this treatment is not sufficient a light covering of straw or evergreen boughs over the soil should be used.

To meet the increasing demand for the choicer varieties in this class of roses we have made special arrangements with a celebrated English grower for really first-class stock.

American Beauty A hardy rose of the largest size, having the ever-blooming qualities of the Tea Rose, with the delicious odor of the Damask Rose, consequently equally valuable for winter or summer flowering. In color, it is a deep, brilliant rosy carmine, shaded toward the centre with rich carmine-crimson. 3-year old, each 75c; 2-year old, each 60c, postpaid.

Augusta Victoria (2) Creamy white, flower of immense substance, petals smooth and nicely arranged; a fine rose. Each 60c, postpaid.

George Dickson (3) Velvety black crimson, very large, full and perfectly formed flowers, reverse of petals veined deep maroon crimson; a most magnificent rose, invaluable for exhibition. Messrs. Dickson & Sons say that it is a perfect rose and the best exhibition variety ever raised by them. The blooms open naturally. Each 75c, postpaid.

General Superior Arnold Jansen The color is an effective deep glowing-carmine, with long, finely-formed buds, the open flowers full and sweet; a splendid long-stemmed cut flower. Each 75c, postpaid.

Gruss an Tiplitz (1) This is a rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant, a free, strong grower and in bloom all the time. Each 60c, postpaid.

Gustave Regis Nankeen-yellow, long pointed, finely shaped buds. Each 60c, postpaid.

Killarney (4) Pale flesh pink, flushed deeper pink, large, long pointed flower, with petals of great substance, very free and perpetual. Each 60c, postpaid.

Lyon The long buds are tipped coral red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of a superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips. Each 60c, postpaid.

Mme. Abel Chantenay One of the most popular Roses in England, both in the garden and as a cut flower. It succeeds equally well here, is a strong grower and produces very freely beautiful flowers of carmine-rose shaded with salmon. Each 60c, postpaid.

Madame Ravary Beautiful clear orange-yellow, medium size, long pointed flowers, of fine form, flowering in greatest profusion and very constant. The best bedding yellow, fine for garden and cutting. Each 60c, postpaid.

Madame Edouard Herriot The plant is a strong, vigorous grower, of spreading, branching habit, with numerous long thorns and bronzy green foliage. The buds coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double are of a superb coral red, shaded with yellow and bright rosy scarlet passing to shrimp-red. Each 75c, postpaid.

Rayon D'Or A vigorous, strong grower with glossy foliage and large golden yellow flowers. Each 60c, postpaid.

Richmond Pure scarlet red, large full and fine form, opening freely in all weathers; a splendid garden and bedding rose. Each 60c, postpaid.

Sunburst Deep yellow, with orange yellow centre, large, full and beautifully formed flowers, produced in great profusion. Distinct and very beautiful garden rose, and the best of all yellow forcing roses. Each 60c, postpaid.

White Killarney A pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is a pure white. Each 60c, postpaid.

SPECIAL OFFER—FOUR ILLUSTRATED TEA ROSES FOR \$2.25, POSTPAID, OR THE SET OF FOUR FOR \$2.00, BY EXPRESS AT PURCHASER'S EXPENSE.

HARDY CLIMBING ROSES

Crimson Rambler Rose It is perfectly hardy in the open ground; will grow from 8 to 10 feet in a season, the flowers appearing in great panicles as large as a man's hat and of a deep, rich crimson color like blood-colored velvet. The flowers, when cut, last two weeks in water, and fully a month on the bush, which is a perfect mass of red crimson at all times. It can be grown in various ways, as a pillar rose, a trellis rose, and for covering a wall it has no equal, and when pegged down it will form a bed of itself. Cut back, it is a magnificent pot rose for the window. It is always in bloom, even when very small, and is easily trimmed to a bushy grower. Each, strong two-year-old plants, 50c, 3 for \$1.25, postpaid.

"Dorothy Perkins" As hardy as Crimson Rambler and same habit of growth. The flowers are about 1½ inches across, are borne in clusters of from 10 to 30 and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink, and holds a long time without fading. Strong, two-year-old plants, each 50c, postpaid.

Tausendschoen Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. Each 50c, postpaid.

Yellow Rambler Rose It is perfectly double, entirely hardy, having withstood, unprotected, a prolonged temperature of from zero to 10 degrees below. It is related to the Crimson Rambler, and, like it, blooms in large trusses, often bearing from 75 to 100 flowers in a cluster. The flowers last from three to four weeks without fading. It is a very vigorous grower, making shoots 8 to 10 feet in one season when well established, so that it possesses all the requisites for unbounded popularity. Each, two-year-old plants, 50c, postpaid.

SPECIAL OFFER—ONE EACH OF FOUR RAMBLERS FOR \$1.75, POSTPAID.



CRIMSON RAMBLER ROSE

**Hardy
Hybrid**

PERPETUAL ROSES

Strong 2-year old plants to bloom this year. Price, each 50c, dozen \$5.00, postpaid; by express at purchaser's expense, dozen \$4.00, 100 \$35.00.



SPECIAL OFFER

This Collection of 6 Illustrated Roses for \$2.50 postpaid

THE Hybrid Perpetuals are considered the most valuable of Roses. They are chiefly distinguished for their luxuriant foliage, large prodigious bloom, vigorous growth, and for being entirely hardy. Their robust habit of growth makes them suitable for outdoor culture only, in which situation they will thrive with very little care; but are improved by liberal manuring and by cutting out dead and unhealthy wood. As a class they do not bloom until thoroughly established, usually the second year after planting. The flowers are highly fragrant, and of all the colors known to the Rose.

Rose, Alfred Colomb. Justly celebrated as one of the finest extra large round flowers, very double and full, color clear cherry-red, passing to bright, rich crimson; very fragrant.

Fran Karl Druschki. (2) This is the ideal hardy white rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

General Jacqueminot. (3) Brilliant Scarlet-crimson; an old favorite and one of the best known roses in cultivation; does well everywhere.

George Arends. This is a pink, or rather, a tender-rose color, possessing not only the noble form, large size and remarkable free-flowering habit, but, in addition to this, it is also highly perfumed. We feel confident from what we have seen of this variety, that it will be one of the most popular roses of the future.

Soleil d'Or, or Golden Sun. (5) Varies from orange-yellow to reddish gold, shaded with nasturtium-red; large, full, perfectly double flowers; a strong grower.

Ulrich Brunner. The flowers are very large and of regular symmetrical form, somewhat globular, very full and deliciously scented; the color is a clear dazzling red, certainly one of the most brilliant roses ever seen.

Margaret Dickson. This is a magnificent rose, and undoubtedly one of the finest yet raised. The flowers are of great size, perfectly formed, and carried on very stout erect foot-stalks. Color, ivory-white; petals of great substance, bell-shaped and reflexed; highly perfumed and free-flowering.

John Hopper. (4) One of the most reliable and satisfactory Hybrid Perpetual Roses; flowers are large, very regular and full; color brilliant rose, changing to bright glowing pink, shaded with rich crimson; very sweet and remarkably profuse bloomer.

Mrs. John Laing. (1) Color, a soft delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom.

Marie Baumann. Rich carmine crimson, large and perfectly formed; one of the best roses.

Persian Yellow. A very hardy type, producing medium-size double golden yellow flowers. This class requires little or no pruning, simply cut out superfluous and dead wood.

Hugh Dickson. (6) Intense crimson, shaded scarlet, large, smooth petals, slightly cupped and reflexed. The size is large and the formation exquisite.

Gloire de Margottin. Noted for its remarkably brilliant color; one of the very finest. The flowers are very large and of regular symmetrical form, somewhat globular, very full and deliciously scented; the color is a clear dazzling red, certainly one of the most brilliant roses ever seen; highly recommended for its great beauty and wonderful color.

"BABY RAMBLER" ROSE

A dwarf-growing, ever-blooming Crimson Rambler. This blooms when a small plant and forms clusters of flowers as large as the Crimson Rambler. Possesses also its charming, brilliant red color, and blooms uninterruptedly from June until fall. It forms bushy plants growing from 12 to 16 inches high. It beds out to perfection and blooms many weeks, and in color, mass and effect is very vivid, profuse and striking. Each, two-year-old plants, 40c, postpaid.

Yvonne Rabier. (WHITE BABY RAMBLER). Pure white flowers, showing the yellow stamens very prettily. A free and continuous bloomer. Each, two-year-old plants, 40c, postpaid.

MOSS ROSES

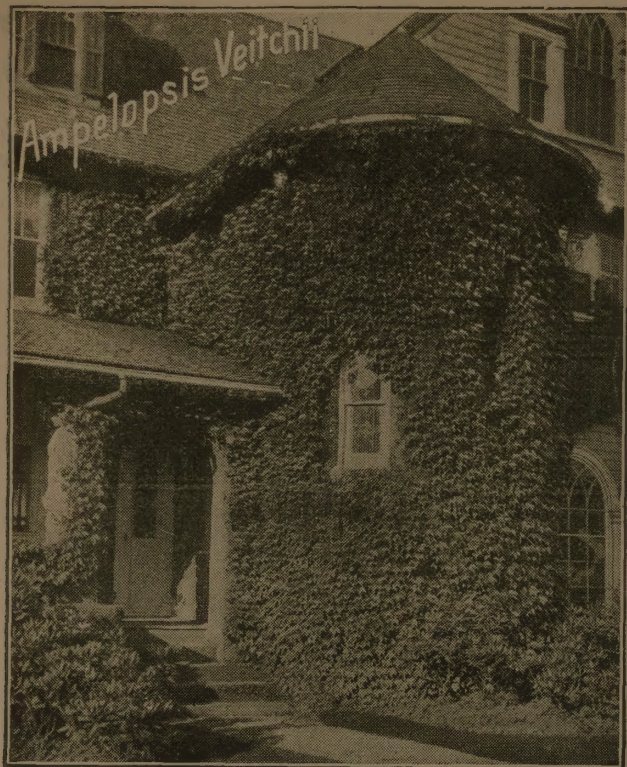
The Moss Rose is as hardy as any rose can be, and a vigorous grower. They are much admired on account of their bright, healthy foliage, and the attractive, moss-like covering of the buds, as well as their delicious fragrance.

Rose, Blanche Morceau. Pure white, beautifully formed and well mossed; one of the best.

Crested Moss. Bright rosy-red, tinted purple; a handsome rose, fine in bud.

Salet. Bright Rose, large and full; a perpetual bloomer and a most desirable rose.

Each, strong three-year-old plants, 50c, 3 for \$1.25, postpaid.



BOSTON IVY OR JAPAN IVY

immediate effect, by express at purchaser's expense, each 75c, doz. \$7.50.

HONEYSUCKLE For real home vines to be near you, climbing over your windows and doorways, there is nothing prettier than fine, sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious. The varieties described below are the very best.

Honeysuckle, Monthly Fragrant. A hardy, rapid grower, suitable for rockwork, etc., bright red, trumpet-shaped flowers. Each 40c, postpaid; doz. \$4.00, by express at purchaser's expense.

—New Halliana. A new variety introduced from Japan, and considered a great acquisition; it is evergreen and a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar; one of the very best varieties for all purposes. Each 40c, postpaid; doz. \$4.00, by express at purchaser's expense.



CLEMATIS PANICULATA

Hardy Climbing Plants

AMPELOPSIS VEITCHII, BOSTON or JAPAN IVY

As an important aid to architectural beauty, it is rapidly attaining prominence, being now a feature on the finest houses. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stone or brick with the greatest tenacity. For covering dead trees, gateposts, boundary walls, verandahs, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up trellises. In summer the foliage is a shade of green, and in the fall tinted with scarlet, crimson, and orange. Fine mailing plants, 2-year-old, each 30c, doz. \$3.00; 3-year-old plants, each 50c, doz. \$5.00, postpaid.

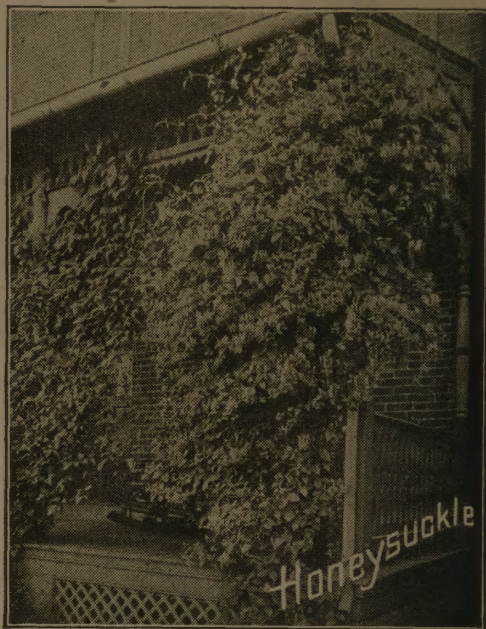
VIRGINIA CREEPER (AMPELOPSIS QUINQUEFOLIA)

Has beautiful digitate leaves that become rich crimson in autumn: a very rapid grower. Like the Bignonia and Ivy it throws out tendrils and roots at the joints, by which it fastens itself to anything rough it touches. One of the finest vines for covering verandahs or trunks of trees; will not climb on brick or stone walls; affords shade quickly. Strong mailing plants, each 35c, postpaid.

ARISTOLOCHIA SIPHO (DUTCHMAN'S PIPE)

A vigorous and rapid growing climber, bearing singular, brownish-colored flowers resembling in shape a Dutchman's Pipe. Its flowers,

however, are of little value, but its fine light green leaves, which are of very large size, retain their color from early spring to late fall; perfectly hardy. Each 50c, doz. \$5.00, postpaid. Extra large plants for



CLEMATIS Large Flowering Varieties

The Clematis is perhaps the most popular climbing plant of the day, and is constantly gaining in popularity. Entirely hardy, blooming during the entire season, embracing great variety of color—some of the flowers being 6 inches in diameter; from their wavy, graceful contour, when wafted by a slight breeze, the flowers resemble huge butterflies hovering among the green leaves. They are all climbers, and, if trained carefully, attain a height of from 5 to 15 feet in one season. They must have a sunny location and good culture, digging the ground very deep; a thorough soaking in dry weather will increase the number of flowers. Every November apply a barrowful of well-rotted manure to the roots of the plants.

Clematis, Snow-white Jackmanii. This is what has been wanted for years, viz:—a "paper-white" true Jackmanii Clematis. The flowers are about the same size as those of the old purple Jackmanii, but produced in even greater profusion. Each 75c, postpaid.

CLEMATIS, JACKMANII. The flowers when fully expanded measure from 4 to 6 inches in diameter. Color, intense violet purple with a rich velvety appearance, distinctly veined. It blooms continually from July until cut off by frost. Strong 2-year-old plants, each 75c, postpaid.

CLEMATIS PANICULATA

(Sweet Scented Japan Clematis)

To see it in the early fall covering a porch (as illustrated), a trellis, an arbor, a fence, a boundary wall, a slope, or any other object where it is planted, with a mass of fleecy whiteness, exhaling its delicious Hawthorn-like fragrance, is to admire and want it. And even when the mass of starry flowers is gone, when the fleecy mantle of white has vanished for another year, there is another phase of its beauty evident. Its beauty is not alone in its bloom and seed time, its refreshing green foliage and its graceful habit lend it a beauty unmatched. It will grow 15 to 20 feet in a season; it is insect proof; it is perfectly hardy; it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Strong plants, each 30c, doz. \$3.00; extra large plants, each 50c, doz. \$5.00, postpaid.

Hardy Shrubs

SUITABLE FOR OUR CANADIAN CLIMATE

Shrubs are as much a part of the well-balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of well rotted barn yard manure or bone meal will be well repaid by strong, vigorous, healthy growth.

ALTHEA, or ROSE OF SHARON

The flowers are of large size, very double and full, and of various brilliant and striking colors; they are borne in August and September when other flowers are scarce. The plant is of regular and compact growth, with deep glossy green leaves; thrives in all ordinary situations, and is entirely hardy. They make beautiful ornamental hedges. We offer four distinct varieties, all very beautiful, viz.: **Double Purple, Double Striped, Double White and Double Variegated.** Plants, each color, 50c, postpaid; doz. \$4.00, by express at purchaser's expense.

FLOWERING ALMOND (AMYGDALUS)

This is one of the earliest flowering shrubs, and one you cannot afford to do without. The stems are literally covered with most beautiful blossoms, which make it a thing of beauty. **Double Pink and Double White**, each 60c, postpaid.

Berberis, or Barberry

Purple-leaved Barberry, or Berberis Vulgaris Atropurpurea. One of the most valuable shrubs, especially for producing color effect in grouping. Its abundant handsome foliage is always clean, of a deep rich plum color, and does not fade out in summer, as do most purple-leaved plants.

Like the type, it produces fruit freely, of a bright crimson color, that remains upon the plant until spring. It forms a beautiful hedge and is also exceedingly pretty as a single specimen. Each 35c, postpaid; large sized plants, 2½ feet high, each 45c, postpaid.

HYDRANGEA PANICULATA GRANDIFLORA

It grows 3 to 5 feet high, perfectly hardy in all parts of the country, and needs no protection in winter, blooms in July and August, and remains in bloom two or three months. The flowers are pure white, afterwards changing to pink and rich, coppery red, and are borne in immense pyramidal trusses, more than a foot long. Strong three-year-old plants cut back for mail, each 50c; larger plants, 75c each, postpaid. Large plants, each 50c, by express at purchaser's expense.

HARDY LILACS

This species of Lilac grows to a height of from 5 to 8 feet, according to the variety, and bears numerous trusses of large, upright blossoms; very fragrant, borne on stout stems, which with the thick, leathery leaves, makes them both attractive and ornamental. Large plants, ready to bloom, in the following varieties:

Lilac, Charles X. A strong rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish purple.



SPIRAEA VAN HOUTTEI



HYDRANGEA PANICULATA GRANDIFLORA

—**Madame Lemoine.** The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting.

—**Marie Legraye.** Beautiful creamy-white single flowers of immense size and very fragrant.

—**President Grevy.** Magnificent panicles of large, double blue flowers.

Each 75c, doz. \$8.00, by express only (too large for mail) at purchaser's expense.

SPIRAEA

Spiraea "Anthony Waterer." When scarcely 3 inches high it begins to bloom, and thereafter is seldom out of flower. In the garden it will make a plant 3 feet high and wide, and will be covered with heads, 1 foot across, of brilliant crimson flowers. Each 40c, postpaid; large plants, each 40c, by express at purchaser's expense.

—**Thunbergii.** One of the finest Spiraeas; blooms early in April. Noted for its compact, regular growth and pretty, fern-like leaves; makes a head almost as round as a ball, flowers are white and borne in large clusters. Each 40c, postpaid; large plants, each 40c, by express at purchaser's expense.

—**Van Houttei.** Is the most showy of all the Spiraeas. In the spring the plants are a perfect snow-bank of bloom, the long, slender branches drooping gracefully with their weight of flowers; strong growing and entirely hardy, rich, blue-green foliage. Each 35c, postpaid; large plants, each 50c, by express at purchaser's expense.



WEIGELIA

—**Rosea.** The flowers are large and of a deep rosy color; a very profuse bloomer. Each 50c, postpaid; large plants, each 50c, doz. \$5.00, by express at purchaser's expense.

GOOSEBERRIES

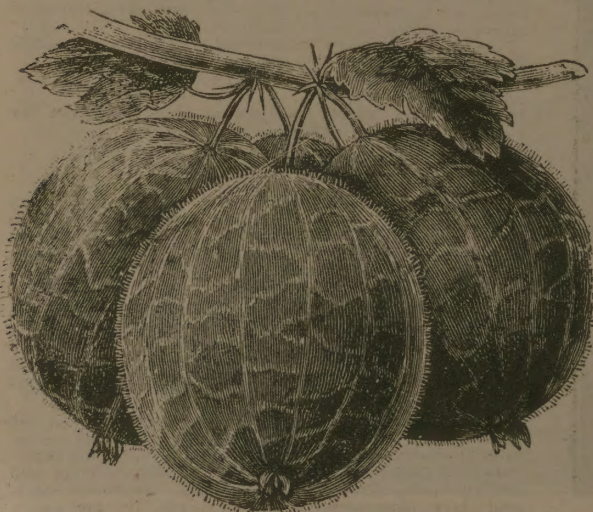
Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. Most varieties do best in partial shade, and should be heavily mulched. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur), one ounce to four gallons of water.

—**Downing.** The best of the American sorts and a vast improvement on the Houghton. Of which it is a seedling. Fruit large, green and of excellent quality both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific, and nearly free from mildew, but densely clothed with large sharp spines. Each 35c, postpaid; doz. \$3.25, by express at purchaser's expense.

—**Houghton's.** Small to medium; roundish, oval, pale, red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. By mail, postpaid, each 35c, doz. \$3.00.

—**The Pearl.** A new Canadian White Gooseberry, of much promise, entirely free from mildew, under the most trying circumstances. The plant is remarkably vigorous and productive; the fruit is large, beautiful and of excellent quality. Each 35c, postpaid; doz. \$3.00, prepaid or delivered.

—**Red Jacket.** Claimed to be the best red gooseberry in existence, with the best foliage; mildew proof, fruit of the best and splendid cropper, as large as the largest; berry smooth, very prolific and hardy; quality the best; exceptionally clean, healthy foliage, free from mildew. Each 35c, postpaid; doz. \$3.25, prepaid or delivered.



RED JACKET GOOSEBERRY

PHILADELPHUS CORONARIUS

(Sweet Scented Syringa or Mock Orange)

A hardy shrub of rounded form and luxuriant foliage, with masses of pure white, intensely fragrant flowers in June. This is one of the first to bloom, and deserves a place in all collections. Each 50c, postpaid; large plants 75c, by express at purchaser's expense.

PRIVET Common

Of all the ornamental hedge plants, this is the most highly prized. The leaves are a rich green, and will remain on the plants a long time, and if they are a little sheltered they will keep green almost all winter. Hedges that are six or seven feet in height, and have been trimmed flat on the sides, look like a solid green wall. It thrives in dry situations and is extremely hardy. To make an attractive hedge, plant at the rate of three plants to the foot. 2-year-old plants, doz. \$2.00, postpaid; 3 year-old, 100 \$8.00, by express at purchaser's expense.

JAPANESE SNOWBALL

This grand shrub makes splendid specimens for lawns

Viburnum Plicatum. (Japanese Snowball). This improved variety of Snowball is distinct in every way; of upright bushy growth with plaited leaves and a large number of pure white heads of flowers. It stands unexcelled amongst shrubs. You cannot afford to leave it off your list. Each 65c, postpaid.

YUCCA FILAMENTOSA

A low-growing, hardy, evergreen plant, with long, narrow leaves, very distinct and almost tropical in appearance. The flower stalk is from 2 to 4 feet high and rises from the centre. It bears a profusion of creamy white, well-shaped flowers, very beautiful; very effective lawn plant; will thrive and succeed in poorest soil. Each 35c, postpaid.

WEIGELIA

Shrubs of erect habit while young, but gradually spreading and drooping as they acquire age. They produce in June and July, superb large, trumpet-shaped flowers of all shades and colors from pure white to red. In borders and groups of trees they are very effective.

Weigelia, Candida. This is the best of all the white-flowered Weigelias; a strong, upright, erect grower; flowers pure white, and produced in great profusion in June; blooms all summer. Each 50c, postpaid; large plants, each 50c, doz. \$5.00, by express at purchaser's expense.



JAPANESE SNOWBALL

HERBS, PLANTS AND ROOTS

New Golden Thyme. Perfectly hardy, growing rapidly. Leaves are curiously edged and variegated with golden yellow. A grand edging or border plant. Each 20c, 3 for 50c, postpaid.

Holt's Mammoth Sage. Very strong growing. Leaves are borne well above the soil, very large and of unusual substance; strong in flavor. Each 20c, 3 for 50c, doz. \$1.50, postpaid.

Chives, Roots. Grown for their tops; used wherever the flavor of onion is required. They will grow readily and increase in any common garden soil. Perfectly hardy. Clumps each 20c, 3 for 50c, postpaid.

BOHEMIAN HORSE RADISH ROOTS

It is a much more rapid grower than the old variety in general use, and is, therefore, ready for use a great deal earlier. Its large, white roots may be raised in almost any soil, and when planted in rows, may be harvested like potatoes. The quality of this Horse Radish is far superior to the old variety in strength and piquancy. Sets of roots, 4 for 50c, dozen \$1.00, postpaid.

RHUBARB ROOTS

Rhubarb, Victoria Giant. Each 30c, 3 for 75c, postpaid; doz. \$1.50, by express at purchaser's expense.

—**Strawberry.** This is a great improvement on old varieties in every respect, larger stalks and stronger grower, not as acid as other varieties, requiring less sugar; flavor superior. Each 30c, 3 for 75c, postpaid; dozen \$1.50, by express at purchaser's expense.

Strong plants, by mail, postpaid, at single and dozen rates. At 100 rates, purchasers pay transportation.



THE "COMET" CURRANT

CURRANTS

shade. Plant in rows four feet apart, and the plants three feet apart in the rows. Keep the ground mellow and free from weeds and grass, using fertilizers copiously. Mulching is necessary for the best returns. So soon as the leaves turn yellow, and begin to fall, with a pruning knife remove all the old wood and cut back the young shoots a third of their length, cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears, dust the bushes with Tobacco Dust; it can be exterminated also by dissolving powdered white Hellebore (to be had at any drug store) in the proportion of an ounce to a pail of water, and applied with a syringe upon the leaves.

Current, Koskoop Giant. This famous Black Currant bears abundantly extra large berries and is superior to all other sorts. Especially adapted for jams. Each 30c, doz. \$2.25.

—**Black Champion.** As great an improvement among black currants as is Fay's Prolific among the red varieties. Like Fay's, the clusters and berries are exceedingly large, and unlike other varieties of its class, the bushes are heavy, annual bearers. Each 25c, doz. \$1.75, 100 \$10.00, by express.

—**Black Naples.** Very hardy and prolific. All the black kinds are much prized for making jams and jellies; highly profitable for market growing in some sections. Each 25c, doz. \$1.75, 100 \$10.00, by express.

—**"The Comet" (Red).** The bunches are almost approaching grapes in size, being frequently 8 inches in length, with from 20 to 26 berries of enormous size and of the most brilliant crimson color. It is likely to become a valuable fruit for dessert purposes, as the juice is particularly refreshing

and soft to the palate, it being without acidity. Each 25c, doz. \$2.25, postpaid.

—**Large Red Cherry.** The most popular market sort, and uniformly the largest of all the red currants except Fay's Prolific. Bunches large; berries very large, bright, sparkling, crimson, beautiful; very acid. Each 25c, doz. \$1.75, 100 \$10.00, by express.

—**Fay's Prolific (Red).** It is a very heavy cropper, the large uniform berries are less acid than any other sort; large, handsome strings of Cherry-red fruit. Each 25c, doz. \$2.00, 100 \$12.00, by express.

—**White Grape.** This is a currant of all others that should be in the family garden, not only for its handsome appearance, but for its fine quality. Its bunches are extremely long; berries large, of a beautiful translucent white, and excellent flavor. The largest and decidedly the best white variety. Each 25c, doz. \$2.25, postpaid; 100 \$15.00, by express.

STRAWBERRIES

On arrival of plants, unpack at once, loosen the bunches and "heel" them in the ground or dip the roots in "puddle" made by mixing earth in water until the consistency of cream, and lay in a cool, damp cellar where they can neither dry nor freeze, until they can be planted in suitable weather. Do not plant very deep, but press the earth firmly about the roots. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden, 15 inches each way, leaving pathway every third row.



STRAWBERRY, CLADE



Morning Star (New)

The Morning Star is a very early variety producing in great abundance very large and beautiful strawberries of the highest quality. In addition to being ten days earlier than any other variety producing large berries, the Morning Star is of the very largest size, rich crimson color, of the highest quality and firm texture. The plant is a superb grower with large, dark green healthy foliage, and very prolific; the first early-ripening variety yet produced; the blossom is perfect. Dozen 50c, 100 \$2.50, postpaid; by express at purchaser's expense, 100 \$1.25.

Bederwood (Early)

One of the heaviest fruiters. Berries deeply netted, crimson color; quite large, deliciously sweet, flesh creamy white. Succeeds on all soils. A favorite variety with leading growers, and a good shipping sort. Doz. 40c, 100 \$2.00, postpaid; by express at purchaser's expense, 100 \$1.50.

Clyde (Early)

This splendid variety has fruit of enormous size, bright scarlet in color in shape round and conical. It is one of the most productive varieties, stands the dry season well, and has given immense satisfaction wherever grown, being a vigorous grower, early and of fine quality. Doz. 40c, 100 \$2.00, postpaid; by express at purchaser's expense, 100 \$1.50.

Senator Dunlap

Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality, one of the best for canning. Ripens early and continues a long time. It promises to stand at the head in its wonderful ability to ripen a good crop under almost any condition of drought or neglect. One of the most profitable berries grown. Doz. 45c, 100 \$2.00, postpaid; by express at purchaser's expense 100 \$1.50.

Marshall (Mid-Season)

Has now been tested in many localities, and all agree that it is a remarkable berry for its great size and quality. The fruit is of a dark crimson color, flesh fine and of delicious flavor; a fine keeper and carries to market well. Doz. 45c, 100 \$2.00, postpaid; by express at purchaser's expense, 100 \$1.50.



"ST. REGIS" RASPBERRY

This wonderful new everbearing raspberry has come into popularity with a bound, the demand for plants being enormous. It is the only raspberry from which you can get a crop the same season they are planted. The early summer crop is equal to that of any red raspberry, and in August berries begin to ripen on the tips of the young canes, and continue till hard freezing. The fruit is nearly as large as Cuthbert, bright scarlet, firm, and of splendid quality. It makes a remarkably vigorous growth of plants, with an abundance of healthy, dark green foliage. Very hardy. Each 25c, doz. \$2.50, 100 \$12.50.

BLACK RASPBERRIES

possessed of great firmness and is thus well adapted for standing long shipments. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. Each 20c, doz. \$1.75, postpaid.

—**Kansas Black Cap.** Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early, color jet black; firm, of best quality, presents a handsome appearance, and brings highest price in market. Every planter who wants a prolific, hardy and early berry of immense size, handsome appearance and superb quality, should plant it. Each 20c, doz. \$1.75, postpaid; by express at purchaser's expense, 100 \$8.50.

BLACKBERRIES

—**Taylor.** Extremely hardy, enormously productive, medium size; no hard, sour core; sweet and juicy; ripens early. Each 20c, per doz. \$1.75, postpaid.

GRAPES THE HARDIEST AND BEST . . .

SPECIAL OFFER—3 Grapes—\$1.00 Postpaid

There is scarcely a yard so small, either in country or city, that room for one to a dozen grapevines cannot be found. They do admirably trained up to the side of any building, or along the garden fences, occupying but little room and furnishing an abundance of the healthiest of fruit. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 feet apart by the fence or building. For vineyard make rows 8 feet apart, 6 to 10 feet in rows.

—**Grape, McPike.** Some points of special merit in the "McPike" are a very strong, vigorous, hardy vine, with thick, heavy, mildew-resisting foliage, and bearing abundant clusters of fruit. The bunches are large, even and compact, the berries sometimes three inches in circumference, covered with a rich bloom; they are of delightful quality. Strong, two-year old vines. Each 50c, doz. \$5.25, postpaid; by express at purchaser's expense, doz. \$4.25.

—**Campbell's Early.** Strong, hardy, of vigorous growth, thick, perfectly healthy foliage, a very early ripener and abundant bearer of large and handsome clusters of excellent quality. It is of large size, of a glossy black color, with a beautiful blue bloom; pulp sweet and juicy; seeds small, few in number and parts readily from the pulp. Each 45c, 3 for \$1.00, postpaid; by express at purchaser's expense, doz. \$3.00.

—**Moore's Early** (Black with heavy blue bloom). Bunch, medium size, berry very large, better than Concord in quality, and with more pulp; vine a moderate grower, very healthy and hardy, moderately productive; a valuable market variety. Each 35c, 4 for \$1.25, postpaid; by express at purchaser's expense, doz. \$3.00.

—**Moyer** (Red). It ripens with the very earliest, has large berries, and so far has been free from rot and mildew; has stood, unprotected, 35 degrees below zero without injury. Very sweet as soon as colored; skin tough but thin, pulp tender, juicy, of delicious flavor. Each 35c, 3 for \$1.00, postpaid; by express at purchaser's expense, doz. \$3.00.

—**Niagara.** (Light greenish white). Vine hardy, unusually strong grower; bunches very large and compact, sometimes shouldered; berries mostly round, semi-transparent, slightly ambered in the sun; skin thin but tough, does not crack, quality good. Each 40c, 3 for \$1.10, postpaid; by express at purchaser's expense, doz. \$3.00.

Raspberries

Raspberries will do well on any good deep soil. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have finished bearing cut out the old wood to give more vigor to the young canes. For field culture plant in rows about 5 feet apart, with plants $3\frac{1}{4}$ feet in a row, except Black Cap varieties, which should be 6 by $3\frac{1}{2}$ feet. For garden culture they may be set 3 feet apart each way. Black Caps 4 x 3 feet.

We prepay postage at dozen prices; hundred rate shipped at your expense.

RED RASPBERRIES

—**Cuthbert, or Queen of the Market.** A remarkably strong, hardy variety. Berries very large, measuring 3 inches around, conical; rich crimson, very handsome; flavor is sweet. rich and luscious. 3 for 50c, doz. \$1.50, postpaid; by express at purchaser's expense, 100 \$6.50.

THE HERBERT

It is the largest in size and the finest in flavor of any Red Raspberry we have ever seen or tasted. It is a great yielder, a vigorous grower, and as hardy as the wild berry.

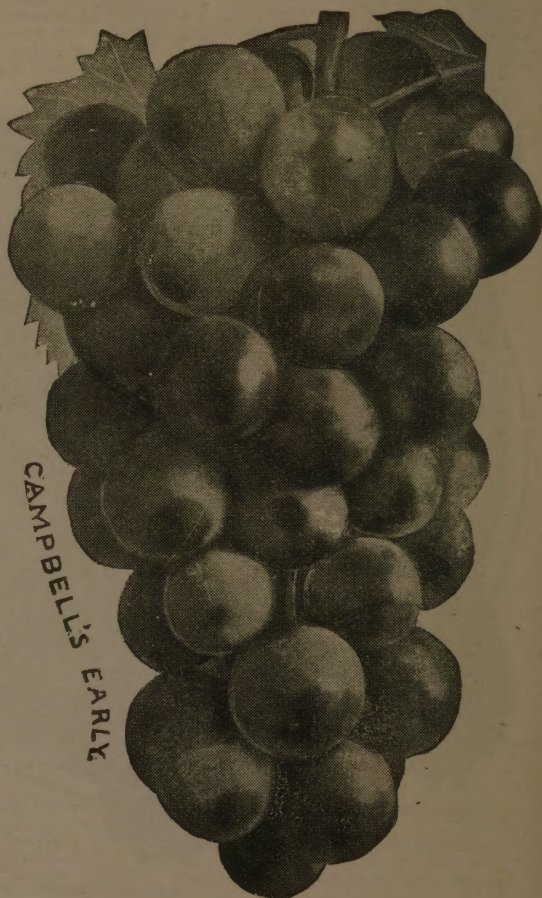
At the Central Experimental Farm, Ottawa, the average yield of the Herbert Raspberry for three years was over 220 bushels per acre, or 7,357 pounds. Added to its wonderful yielding qualities is its excellence in color, a rich, glowing crimson, its splendid size and rich, melting flavor. Each 25c, doz. \$2.50, postpaid.

—**Golden Queen (Yellow).** A beautiful, large, golden yellow berry, seedling of the Cuthbert, surpassing it in size beauty, quality and adaptability, succeeding in all sections. Canes hardy, of strongest growth, wonderfully productive. Each 15c, 4 for 50c, doz. \$1.50, postpaid; by express at purchaser's expense, 100 \$5.00.

EVERBEARING RASPBERRY

"ST. REGIS" (RED)

—**Raspberry, Plum Farmer.** In hardiness and productiveness it is unexcelled by any other variety. In size the fruit is simply enormous, far surpassing any other sort. In spite of its unusually large size, it is possessed of great firmness and is thus well adapted for standing long shipments. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. Each 20c, doz. \$1.75, postpaid.



Books for the Gardener and Farmer

All Books sent Postpaid on Receipt of Price

Apple Growers' Guide (Wolverton). Postpaid.....	\$2.50
A B C of Bee Culture. A. I. Root. 400 pages.....	3.00
Asparagus Culture. Barnes and Robinson.....	.75
Barry's Fruit Garden. New Edition.....	2.00
Barn Plans and Outbuildi. gs. 2-7 illustrations.....	1.50
Bulbs and Tuberous Rooted Plants. C. L. Allen.....	2.25
Canadian Home V getable Gardening from A to Z.....	1.50
Fuller's Grape Culturist.....	2.00
Fuller's Small Fruit Culturist.....	1.75
Gardening for Pleasure. Henderson.....	1.75
Gardeni g for Profit. Henderson. Cloth.....	1.75
Handbook of Plants. Henderson.....	4.50
Harris on "The Pig".....	1.50
Harper's Book for Young Gardeners.....	1.75
Home Poultry Book.....	1.25
Homes for Home Builders.....	1.25
How the Farm Pays. A very instructive book.....	2.50
How to Make \$500 Yearly Profit with 12 Hens.....	.75
House Plants. By P. T. Barnes.....	1.50
How Crops Grow. Prof. S. W. Johnson.....	2.00

Money in the Garden. P. T. Quinn.....	\$1.25
Mushroom Culture. Robinson. Cloth. Illustrated.....	.75
New Egg Farm. Stoddard. On the Management of Poultry. Cloth.....	1.50
Onions: How to Raise them Profitably. J. J. H. Gregory.....	.50
Onion Culture: New Method. Grainor. It will pay you to buy this book.....	.60
Profitable Poultry Keeping.....	1.50
Roe's Play and Profit in My Garden.....	1.50
Strawberry Culturist. Fuller.....	.75
Squashes, Treatise on. J. J. H. Gregory.....	.30
Success with House Plants. Hillhouse.....	1.00
Success in Market Gardening. Rawson.....	1.50
The Canadian Garden.....	.85
The First Book on Farming.....	1.75
The American Flower Garden.....	2.75
Tobacco Culture. By fourteen experienced cultivators.....	.25
Tomato Culture. A. I. Root.....	.50
Woodward's Suburban and Country Home.....	1.00

Earthenware Flower Pots and Hanging Pots

The measurement is from inside to outside. Packing charged extra. Pots are carefully packed and are shipped at purchaser's risk.

FLOWER POT SIZES

Inch	Each	Dozen	100
2.....		\$0.15	\$1.25
3.....		.20	1.50
4.....		.25	1.75
5.....		.25	2.00
6.....		.30	2.25
7.....	\$0.05	.45	3.00
8.....	.07	.60	4.50
9.....	.12	1.25	8.00
10.....	.20	2.00	
12.....	.25	2.50	
14.....	.40	4.50	
16.....	.60	6.00	
18.....	.85	8.50	

DEEP OR BOSTON FERN POT SIZES

Inch	Each	Inch	Each
8.....	\$0.15	12.....	\$0.35
10.....	.25	14.....	.55

FLOWER POT SAUCERS

Inch	Each	Dozen
5.....	\$0.04	\$0.35
6.....	.05	0.50
7.....	.08	0.75
8.....	.10	1.00
9.....	.15	1.25
10.....	.20	2.00
12.....	.25	2.50
14.....	.30	3.00

HANGING POT SIZES OR BASKETS

Inch	Each
10.....	\$0.30
12.....	.40
14.....	.50



Useful Tables for the Farmer and Gardener

GARDEN	Quantity of seed required	Per acre
Asparagus.....	1 oz. to 60 ft. drill.....	
Beans, Dwarf, in hills.....	2 lbs. to 200 ft. drill.....	75 to 90 lbs.
Beans, Pole, in hills.....	1 lb. to 75 hills.....	
Beet, Garden.....	1 oz. to 50 ft. drill.....	5 to 6 lbs.
Cabbage for transplanting.....	1 oz. to 3,000 plants.....	1 lb.
Cauliflower, for transplanting.....	1 oz. to 3,000 plants.....	1 lb.
Carrot.....	1 oz. to 100 ft. drill.....	2 to 3 lbs.
Celery for transplanting.....	1 oz. to 5,000 to 10,000 plants.....	1 lb.
Citron.....	1 oz. to 25 hills.....	
Corn, Sweet.....	1 lb. to 100 hills.....	12 to 15 lbs.
Corn, Flint.....	1 lb. to 80 hills.....	15 to 20 lbs.
Chicory.....	1 oz. to 100 ft. drill.....	2 to 3 lbs.
Cress, Garden.....	1 oz. to 100 ft. drill.....	
Cucumber, in hills.....	1 oz. to 100 hills.....	2 to 3 lbs.
Endive.....	1 oz. to 300 ft. drill.....	
Leek.....	1 oz. to 150 ft. drill.....	
Lettuce.....	2 oz. to 100 ft. drill.....	
Melon, Musk, in hills.....	1 oz. to 50 hills.....	2 to 3 lbs.
Melon, Water, in hills.....	1 oz. to 25 hills.....	1 1/2 to 2 lbs.
Mushroom Spawn.....	1 brick to 6 sq. ft.....	
Onion, in drills.....	1 oz. to 200 ft. drill.....	4 to 5 lbs.
Onion Sets, for planting.....	1 lb. to 40 ft. drill.....	8 to 10 lbs.
Parsley.....	1 oz. to 150 ft. drill.....	
Parsnip.....	1 oz. to 200 ft. drill.....	5 to 6 lbs.
Peas, in drills.....	1 lb. to 40 ft. drill.....	1 1/2 to 2 bus.
Pumpkin.....	1 oz. to 25 hills.....	2 lbs.
Radish.....	1 oz. to 100 ft. drill.....	8 to 10 lbs.
Rhubarb.....	1 oz. to 125 ft. drill.....	
Salsify.....	1 oz. to 50 ft. drill.....	8 lbs.
Spinach.....	1 oz. to 100 ft. drill.....	10 to 12 lbs.
Squash, bush in hills.....	1 oz. to 30 hills.....	5 to 6 lbs.
Squash, vine in hills.....	1 oz. to 30 hills.....	3 to 4 lbs.
Sunflower, Russian.....	1 lb. to 100 ft. drill.....	
Tomato, for transplanting.....	1 oz. to 3,000 plants.....	1 lb.
Turnip, garden.....	1 oz. to 200 ft. drill.....	1 1/2 to 2 lbs.

FIELD	Quantity per acre
Sugar Beet, in drills.....	4 to 5 lbs.
Mangel, in drills.....	4 to 5 lbs.
Carrot, in drills.....	2 to 3 lbs.
Turnip, in drills.....	2 to 3 lbs.
Turnip, broadcast.....	5 to 6 lbs.
Essex Rape, broadcast.....	5 to 6 lbs.
Essex Rape, in drills.....	2 to 3 lbs.
Potatoes, hills or drills, cut.....	10 to 14 bus.
Potatoes, hills or drills, cut to single eyes.....	8 to 8 bus.

GRAINS	Quantity per acre	Weight per bushel
Barley.....	1 1/2 to 2 1/2 bus.....	48 lbs.
Buckwheat.....	1 1/2 to 2 bus.....	48 lbs.
Corn, in hills, to mature.....	12 to 18 lbs.....	56 lbs.
Corn, for fodder, in drills.....	20 to 30 lbs.....	
Corn, for fodder, broadcast.....	1 to 1 1/2 bus.....	
Flax.....	1 1/2 to 2 bus.....	56 lbs.
Oats.....	2 1/2 to 3 1/2 bus.....	34 lbs.
Peas.....	2 1/2 to 3 1/2 bus.....	60 lbs.
Rye, for grain.....	1 1/2 bus.....	56 lbs.
Rye, for fodder or pasture.....	2 to 2 1/2 bus.....	
Speltz (Emmer).....	1 1/2 bus.....	50 lbs.
Tares or Vetches.....	1 1/2 to 2 bus.....	60 lbs.
Tares for ploughing down.....	2 to 3 bus.....	
Wheat, Spring.....	1 1/2 to 2 1/2 bus.....	60 lbs.
Wheat, Winter.....	1 1/2 to 2 1/2 bus.....	

CLOVERS and GRASSES	Quantity per acre	Weight per bushel
Alfalfa.....	15 to 20 lbs.....	60 lbs.
Clover, Red.....	10 to 12 lbs.....	60 lbs.
Clover, Alsike.....	8 to 10 lbs.....	60 lbs.
Clover, White.....	6 to 8 lbs.....	60 lbs.
Brome (Bromus inermis).....	12 to 15 lbs.....	41 lbs.
Blue Grass.....	25 lbs.....	14 lbs.
Orchard, drills.....	28 lbs.....	14 lbs.
Red Top, drills.....	20 lbs.....	14 lbs.
Timothy, drills.....	10 to 12 lbs.....	48 lbs.
Hungarian and Millet.....	30 to 45 lbs.....	48 lbs.
Japanese Millet, broadcast.....	15 to 20 lbs.....	
Japanese Millet, drills.....	10 to 14 lbs.....	

Distance for Planting	No. of Plants to an Acre
Feet	Dist. apart. No. of plants
Apples.....each way, 30 to 40	1 ft. x 1 ft.43,560
Pears....." 20 to 30	1 1/2 ft. x 1 1/2 ft.19,360
Plums....." 16 to 20	2 ft. x 2 ft.10,890
Peaches....." 16 to 20	2 ft. x 3 ft.7,260
Cherries....." 16 to 25	3 ft. x 3 ft.4,840
Grapes....." 8 to 12	3 ft. x 4 ft.3,630
Currants....." 4 x 5	3 ft. x 5 ft.2,904
Gooseberries....." 4 x 5	4 ft. x 6 ft.1,815
Raspberries....." 3 x 6	6 ft. x 6 ft.1,210
Raspberries, Red....." 3 x 5	6 ft. x 8 ft.907
Blackberries....." 4 x 7	8 ft. x 12 ft.453
Blackberries, on strong soil....." 6 x 8	20 ft. x 20 ft.108
Strawberries....." 1 x 3	20 ft. x 30 ft.72

WM. COOPER & NEPHEWS PREPARATIONS

We are Agents for this old reliable English House



COOPER'S FLY KNOCKER

For Flies and Mosquitoes

The torment and misery to which dumb animals are subjected covered with flies and mosquitoes affects your pocket in some manner, either in smaller quantities of milk given, extra food consumed or less amount of work done.

By the use of Fly Knocker during hot weather your cows will give one-third more milk; your horses will rest during resting

times, and work during working hours on two-thirds the feed they now require, and will be free from vermin of all kinds. One gallon properly applied will keep twenty-five cows free from flies for two weeks at a cost of less than one-half cent per day each.

Fly Knocker is the greatest cure for barb-wire injuries ever placed on the market. Prevents inflammation and fly blows and causes wounds to heal very rapidly. Also cures cuts, scratches, burns, scalds, flesh wounds, old sores, etc.

Apply it by using the **ATOMIZER** or the **CONTINUOUS SPRAYER**. Guaranteed to do the work or money refunded. Quart cans 75c, gallon cans \$2.00, by express at customer's expense. Cannot be mailed.

BITTER LICK—FOR HORSES, CATTLE AND SHEEP

Bitter Lick is a pure highly concentrated **Medicinal Salt Brick** of marvellous strength, infallible in curative effect and free from any crude substance. All stock like it and eat it with great relish. Keep a brick of **Bitter Lick** before them and they will never be subjected to coughs, colds, colic, bots or worms. It aids digestion, is a splendid conditioner; strengthens the kidneys and makes the coat glossy. No horse that gets **Bitter Lick** will ever become hide-bound.

Anything that will prevent worms, that will give the animals a keen appetite, and at the same time assist in the assimilation and digestion of their food must be a good thing—we guarantee **BITTER LICK** to do this.

Less than one cent a week will keep your horse in salt and insure him against worms, colic and indigestion.

BITTER LICK MEDICATED Salt Brick



WHAT IT IS MADE OF

Salt—Absolutely essential.

Linseed—Used in some form by every stockman and horse-owner.

Roots and Herbs—Just enough to keep worms out of the system, prevent colic caused by indigestion, and aid in thoroughly assimilating the regular food.

Bitter Lick Price.—Single bricks (2 lbs.), each 30c, if by mail postpaid 60c; dozen bricks \$3.25; case (24 bricks) \$6.00, by express at customer's expense.

BITTER LICK HOLDERS

Our holders are made of iron and just the size to hold snugly a brick of **Bitter Lick**. They keep the brick dry, thus preventing waste. The holders can be nailed or screwed to the side of wall or post or to a plank anywhere in the barn or shed and will last for years. Single holders 30c (postpaid 50c); six \$1.75; dozen \$3.25. Prices are all "Ex Warehouse Toronto or Hamilton," customers pay freight or express.



COOPER'S SHEEP DIP

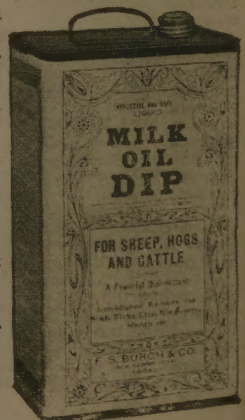
60 YEARS' WORLD-WIDE RECORD. USED ON 250 MILLION SHEEP ANNUALLY. MERIT HAS MADE IT FAMOUS. A SHEEP DIP MADE FOR SHEEP. Eradicating insects and disease, protecting the flock from fresh attack, assisting the natural functions of the skin in the production of an ideal fleece and promoting the general appearance and condition of the flock. **Cooper's Dip hurts nothing but the disease.** It positively increases both the quality and quantity of wool and preserves its natural color. The flock thrives better from the moment of dipping. It is a powder soluble in cold or tepid water, has no smell, does not stain, and is easily prepared.

Insects cannot live on a Cooper Dipped Sheep. 100 Gallon Packet \$2.60 (sufficient for 100 to 200 sheep). 25 Gallon Packet 75c, by express at customer's expense; mailing weight, 10 lbs. and 3 lbs. respectively. Include postage, at 15c per lb. Cheapest because Best.

COOPER'S MILK OIL FLUID

CATTLE WASH AND DISINFECTANT.—Combines the well-known properties of Carbolic Acid, Cresols and other powerful disinfecting agents, in a form which renders its use safe, certain and efficient. Unsurpassed as a **Sheep Dip**, for **Hand Dressing Sorer**, for **Destroying Lice** on all kinds of animals, for **Disinfecting Foul Places**, for **Infectious Diseases**, for **Use in the Bath**. Full Directions.

Quart \$1.00, gallon \$3.00, by express at customer's expense. Cannot be mailed.



Order
now.
You are
sure
to want
them.



Use
Nikoteen
to kill
the
Rose
Bug.

GREEN FLY RED SPIDER BLIGHT MEALY BUG SCALE THRIP

ABOL A non-poisonous insecticide and fungicide of English manufacture, strongly recommended and greatly in use in Great Britain; $\frac{1}{2}$ pint 50c; pint 75c; quart \$1.25; $\frac{1}{2}$ gal. \$2.00.

ARSENATE OF LEAD PASTE Kills leaf-eating insects. Mixes readily with water. Sticks to the foliage. **Grasselli Arsenate of Lead** is used to destroy leaf-eating insects such as Codling Moth, Curculio, Canker Worm, Tussock Moth, Elm Leaf Beetle, Gypsy and Brown Tail Moths, Potato Beetle and similar insects that feed on the foliage or fruit of fruit trees, shade trees, vegetables, flowers and shrubbery. Packed in 1 lb. tins 55c, postpaid 70c; 5 lbs. \$2.25, 10 lbs. \$4.00, 20 lbs. \$7.00, by express at purchaser's expense. Larger quantities, prices on application. Put up in steel drums.

GRASSELLI LIME SULPHUR SOLUTION Lime Sulphur Solution is a clear, cherry color liquid, free from sediment, and works through nozzles easily. It is used as an insecticide to control San Jose Scale, Blister Mite and similar sucking or scale insects. For this purpose it is used at a dilution of 1 gallon to 7 to 9 gallons of water and applied during the dormant season, either after the leaves drop in the Fall or before the buds open in the Spring. **Grasselli Lime Sulphur Solution** is put up in 1 quart cans, 45c, postpaid 65c; 2 quart cans 70c, 1 gallon cans \$1.00, 5 gallon cans \$3.50, by express at purchaser's expense. Larger quantities, prices on application.

COOPER'S POISONED FUNGICIDE Prevents Fungus Diseases. Simply mix with water. An improved Bordeaux mixture. More effective than home-made remedies. When to Spray—First spraying to control Fungus disease and Bud Moth. This should be made after the frost has left the ground and before the buds burst. For Fungus diseases only use the non-poisoned Fungicide at rate of one pound to every ten gallons of water, however, where Bud Moth is prevalent the poisoned Fungicide should be applied at the same strength. A second spraying to control Codling Moth and Curculio should be made with the Poisoned Fungicide when about 70% of the blossoms have fallen. 1 lb. carton 40c, postpaid 50c; 5 lb. box \$1.35, by express at purchaser's expense.

NIKOTEEN—FOR SPRAYING ROSES

Is used in greenhouses and is the cheapest, cleanest, and most effective of insecticides; will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ per cent. of nicotine. This preparation contains 40 per cent. of nicotine. Can be used either as a spray or fumigant. Positively guaranteed. In 1 lb. bottles \$2.50, small size bottles 30c and 60c. Cannot be mailed.

FIR TREE OIL Soluble insecticide, effectually destroying all kinds of pests to which plants are subject, equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Cannot be mailed. Bottle, 4 sizes, 25c, 50c, 75c, \$1.00, by express at purchaser's expense only.

FLOWERS OF SULPHUR For the prevention and destruction of mildew on plants. Blow it over and through the foliage when the dew is on or after a thorough syringing. Lb. 20c, postpaid, 35c; 10 lbs. \$1.50, by express at purchaser's expense.

MORTAPHIS VAPORIZING COMPOUND Used for fumigating greenhouses, and is very effective in killing all insect pests. 5 oz. bottle \$1.50, 10 oz. bottle \$2.50, by express only.

PARIS GREEN Strictly pure, lb. 75c. Market price for large quantities on application.

SULPHO-TOBACCO SOAP Makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly aphides, turnip and cabbage fleas, rose slugs and bark lice. Dissolve two ounces in a gallon of water, apply with a spraying pump, etc., or dipping plants into solution. Package, small, 15c, postpaid 20c; ordinary package 30c; postpaid 40c.

GRASSELLI BORDEAUX MIXTURE PASTE

It is an excellent fungicide. This year's product is of a much higher strength than formerly. We found it can be used stronger when made with proper chemical proportions. Wherever Bordeaux is required, **Grasselli Bordeaux** is rapidly superseding the home mixture. Prices, per lb. 50c, postpaid 65c; by express at purchaser's expense, 5 lbs. \$2.00, 10 lbs. \$3.75.

HAMMOND'S SLUG SHOT



For destroying potato bugs and those on tomato and egg plants; currant worms, cabbage lice and worms, beetles, striped bugs on lemons, squashes, turnips, beets; canker worms and caterpillars on fruit and ornamental trees; rose bugs, cut worms, etc. 1 lb. carton 25c, postpaid 35c; 5 and 10 lb. packages, 15c per lb., by express at purchaser's expense.

WHALE OIL SOAP One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. One pound of soap to seven gallons of water for applying to foliage. Use two ounces to one gallon of water for spraying rose bushes, etc. Lb. 35c, postpaid 50c.

OSMAN'S LAWN SAND For destroying daisies, dandelions, ribbed grass, plantains, thistles and other weeds on lawns, bowling greens, lawn tennis and croquet grounds, parks, etc., at the same time improving the grass by enriching the color and thickening the sward. An annual application in spring not only destroys the seedling weeds, but by invigorating the grass prevents to some extent the burning up during hot, dry weather. Small tins, each 50c, postpaid 70c; large tins, each 75c, postpaid \$1.10.

HAMMOND'S WEED KILLER For killing weeds in walks, drives and tennis courts where no vegetation is wanted. Hammond's Weed Killer is especially adapted for destroying weeds in walks, drives, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witchgrass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours, and no more weeds will grow until more seed is sown. Qt. 75c, $\frac{1}{2}$ gal. \$1.50.

STERLINGWORTH CUT WORM KILLER

It is a coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. There is no guess work about it doing the "business." The dead cut worms "tell" the story. You need not be afraid to use **Sterlingworth Cut Worm Killer**. Chickens or birds will not be poisoned if they eat the worms killed by it. Don't use poisonous cut worm killers. They kill birds that eat the dying worms. Don't destroy any natural insect enemies. Price, 1 lb. sprinkler boxes 35c, postpaid 60c; 5 lbs. \$1.40, by express at purchaser's expense.

POULTRY SUPPLIES

RUST'S EGG PRODUCER

Makes Hens Lay when Eggs are High Priced

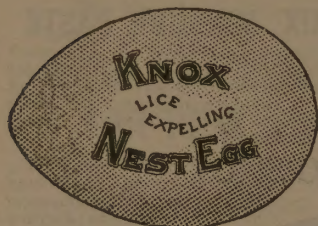
A scientific combination of substances, which, when assimilated by fowls, produce eggs, plumage, growth and development, exactly as certain foods produce milk in cows, or fertilizers increase crops. It contains in addition valuable tonics and remedial agents which insure perfect assimilation and robust health, without which the best results cannot be obtained. It makes hens lay in summer and winter. Lb. pkts., 30c, postpaid, 45c; 2½ lb. box 60c, postpaid 90c.

LIME NEST EGG

The Perfect Nest Egg, Strong, Cheap, Odorless and Durable. Will Not Break.

The Lime Egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real hen's egg. Each 5c, doz. 50c; postpaid, each 8c, doz. 75c.

THE KNOX NEST EGG



The Knox Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nest, laying hens are freed of lice and mites, and are able to keep on the nest with comfort. They will last a long time and always retain their effectiveness. Standard in size, tinted a natural brown color, the genuine bear embossed on each egg the words "Knox Nest Egg." Each 10c, doz. \$1.00, Postpaid, each 12c, doz. \$1.25.

RUST'S LICE KILLING POWDER

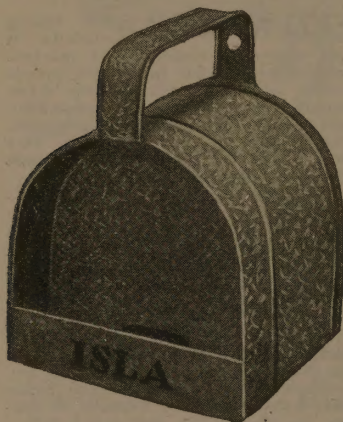
This powder kills lice and other vermin on poultry, animals, plants, or on anything. This is absolutely the best louse-killer on the market. It is not a poison, but a lasting, convenient and cheap powder which works without injury. It is entirely reliable in poultry, horse stables, pigeon lofts, kennels, or wherever lice are to be found. We confidently recommend this as being the best yet put before the public. 5 oz. pkt. 15c, postpaid 25c; 1 lb. pkt. 30c, postpaid 45c.

RUST'S HAVENS' ROUP PILLS

These pills act directly on the glands and mucous membrane, allay all tendency to fever, and carry off all morbid matter from the system. They are entirely free from anything harmful and are believed to be the best remedy ever discovered for Roup, Catarrh, Colds and Distemper. They are unlike any other medicine, and being composed of drugs in concentrated form they are of moderate size, and are therefore easy to give to fowls. Per box (48 pills) 25c, postpaid 35c; box 112 pills 50c, postpaid 60c.

"Lion" Brand Crushed Oyster Shells

This is the most important article for the poultry yard through the winter and should be liberally supplied to fowls. In summer, when allowed to run at large, they can find their own shell material, but when everything is frozen over and covered with snow, they must be helped if eggs are wanted. Coarse, crushed and medium, 20 lbs. 35c, 100 lbs. \$1.75.



WALL FOUNTAIN

GALVANIZED IRON WALL FOUNTAIN

These fountains are very handy, as they may be hung up on the side walls of the poultry house so as to prevent litter getting into the water. They are made of heavy galvanized iron. This fountain has a good sized square opening making it easy to clean and permitting a free flow of water. They are largely used by pigeon keepers. 1 gallon 75c, 2 gallon \$1.25. Cannot be mailed.

BEEF SCRAPS

High Protein Beef Scrap is an especially valuable meat for poultry and gives very satisfactory results when fed dry from a food hopper. Price 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$7.00.

BEEF BONE SCRAP

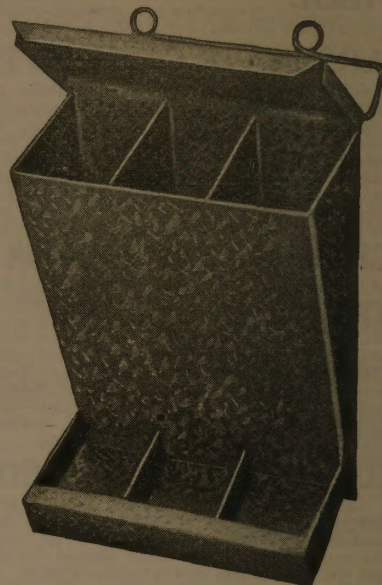
Similar to above but containing a higher percentage of Bone. Price 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.50.

MEAT MEAL

Price 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

SANITARY GRIT AND SHELL BOX

Sanitary Grit and Shell Boxes work a material saving in grit, oyster shells, ground bone, charcoal or poultry food. They are thoroughly practical self-feeding boxes, well made out of heavy galvanized iron and are practically indestructible. The style of box is made with three compartments—for grit, oyster shell and charcoal—but where a small flock is kept may be made to serve the purpose of a dry food hopper. Medium size, 75c each; large size \$1.25 each, by express.



GRANULATED POULTRY BONE

It is about the size of wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes valuable food for poultry at all seasons of the year. 10 lbs. 65c, 100 lbs. \$4.50.

GRANULATED CHARCOAL

Chicken size and hen size in cartons, weighing about 2 lbs., each 25c, by express at purchaser's expense; in bulk, \$3.00 per 100 lbs.

MICA CRYSTAL GRIT

Is a hard mineral product containing sodium aluminum, magnesium, and iron—natural properties which every raiser knows to be necessary to produce paying hens. To aid digestion it is necessary to feed some gritty material. This grit supplies this want better than any other article ever known. Medium and fine. 25 lbs. 50c, 100 lbs. \$1.50 bag.

"GOOD LUCK" CHICK FOOD

A Scientifically-Compounded Food for Young Chicks

"Good Luck" Chick Food is a mixture of 11 different grains and seeds proportioned as to meet all the needs of growing chicks and to fully nourish them. By the term "fully nourish" we mean a great deal. Chick foods, as a rule, contain too much fat-forming and not enough bone-forming elements, and in consequence the chick develops indigestion and diarrhoea, and quickly starves to death. Or, if partially nourished, leg weaknesses develop and the chick drags out a miserable existence. This chick food fills all requirements, as the food is a complete and properly balanced ration ready for use. 25 lbs. \$1.50, 100 lbs. \$5.00.

STEELE, BRIGGS' "MONARCH" SCRATCH FOOD

A mixture of grains in proper proportion to form a well balanced food. Clean, wholesome grain, containing no inferior grades, such as usually found in cheaper class mixtures. 100 lbs. \$4.50, 50 lbs. \$2.25, 25 lbs. \$1.25, 10 lbs. 60c.

Mann's Green Bone Cutters

Prices quoted are net cash ex-warehouse Toronto or Hamilton. Subject to Market Changes.

No. 5 C.—This machine is exactly the same as the No. 5 B., with a crank handle instead of a balance wheel. Capacity same as No. 5 B. Weight, 50 lbs. Price \$10.00.

No. 5 B. This machine is exactly the same as the No. 5 B.M., except that it has not the iron stand. The capacity is the same. Weight, 55 lbs. Price, \$12.50.

No. 5 B.M.—Intended for flocks of 15 to 25 hens. Can be used for flocks of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand; no expense to set it up. Place for can to catch the bone. Patented automatic governing spring feed. Cylinder is larger than the old No. 1. Cutter plate has four knives instead of three. Will cut faster and easier than other types costing twice as much. Capacity, 15 to 20 lbs. per hour. Weight, 80 lbs. Price \$16.50.

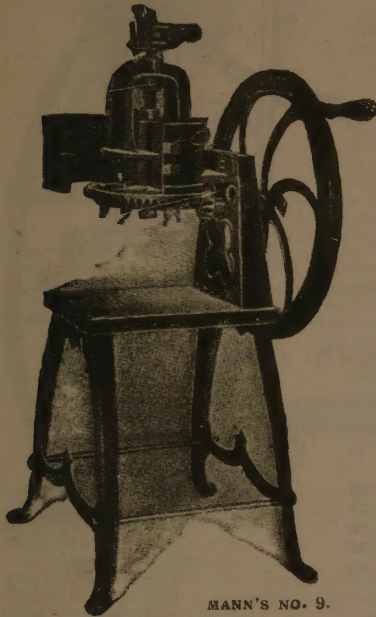
No. 7.—Intended for flocks of 40 to 100 hens. Can be profitably used for 200 hens or more. Mounted on strong iron stand with large table for box or pan to receive cut bone. Patented 1902 model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle. Weight, 107 pounds. Capacity $\frac{1}{2}$ to 1 lb. per minute. Made in one size only. Price \$20.00.

No. 7 $\frac{1}{2}$ Semi-Power. A combination hand or power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder same as No. 7. Capacity, 50 to 100 lbs. per hour. Weight, 150 lbs. Price \$25.00.

No. 9.—Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. Its economy is evident. Weight, 163 lbs. Capacity, $\frac{1}{2}$ to 1 $\frac{1}{2}$ lbs per minute. Price \$28.00.

No. 11 Power Machine.—Intended for large flocks, when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the latest improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Horse power required, 1 to 1 $\frac{1}{2}$. Weight, 215 pounds. Diameter of pulley, 15 ins., $\frac{3}{4}$ inch face; speed of pulley, 300 to 350 revolutions per minute; cylinder same size as No. 9. Capacity, 100 lbs. and upwards per hour. Price \$40.00.

Extra Knives 65c each, or Set of 6 for \$3.75.



MANN'S NO. 9.

LEG BANDS

Leader Adjustable. This is a well-known aluminum leg-band made in two sizes, adjustable to fit small or large fowls. Doz. 15c, 100 \$1.25, postpaid.

SPIRAL CELLULOID POULTRY RINGS

Put up in five colors: Rose, Light Blue, Light Green, Red, Yellow, in the following sizes:

(5)—Malay, Indian Game and Pekin Bantam Cocks, Hambourg Cocks, Game and Poland Hens, Sultans and Silkies.

(6)—Minorca, Leghorn, Ancona, Spanish, Campines, Andalusian and White Dorkin Hens, Poland Cocks and Indian Runner Ducks.

(7)—Orpington, Plymouth Rocks, Dark Dorking, Scotch Grey, Faverolle, Malay, Indian Game, Langshan, Wyandotte and Sussex Hens, Game, Spanish, Leghorn, Andalusian, Ancona and Campine Cocks, Aylesbury and Pekin Ducks.

(8)—Wyandotte, Dorking, Minorca and Faverole Cocks.

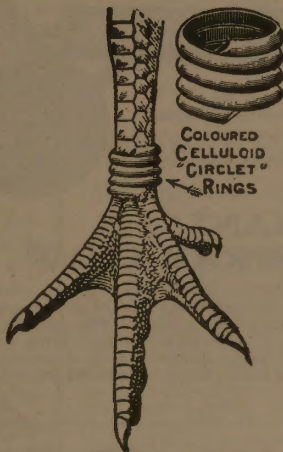
(9)—Orpington, Plymouth Rocks, Sussex, Langshan, Scotch Grey, Indian Game and Malay Cocks, Brahma, Cochins, Geese, Swans and Turkeys.

Prices, Nos. 5 and 6 for small size birds, 12 for 25c; 100 for \$1.75, postpaid.

Prices Nos. 7, 8 and 9, for large birds, doz. 30c, 100 \$2.00.

Weight, three pounds.

Length of Handle, 4 ft. 5 in.



The "Buco" Cultivator

For Weeding, Cultivating, Potato Digging, etc.

This new Garden Cultivator has five Tines of Crucible Spring Steel, Oil Temper-

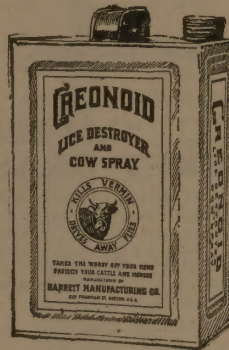


ed, which can be adjusted to desired width. They can be removed to sharpen in after years when dull, or can be replaced with new ones if necessary. For Special Work one or more of the tines can be removed if desired. The head is of Malleable Iron, very strong and durable and the handle is of best quality Ash. For preparing soil, planting, cultivating, etc., there is no hand tool made which can compare with it. It takes the weeds all out by Root, cleans out the stones, loosens the soil thoroughly and leaves it clean and smooth. All gardeners who have used it pronounce it indispensable and a great labor saver. \$1.50 each, by express at purchaser's expense.

CREONOID Lice Killer

For Poultry, Lice, Vermin and Flies.

For Poultry—If the hens are restless, droop and do not show their feed, examine them closely for lice. Look at the heads especially, and do not mistake lice for pin-feathers. Head-lice on small chicks make the eyes sore. The lice are small and it is sometimes difficult to find them. Look carefully. Price per gallon \$1.25, half gallon 75c.

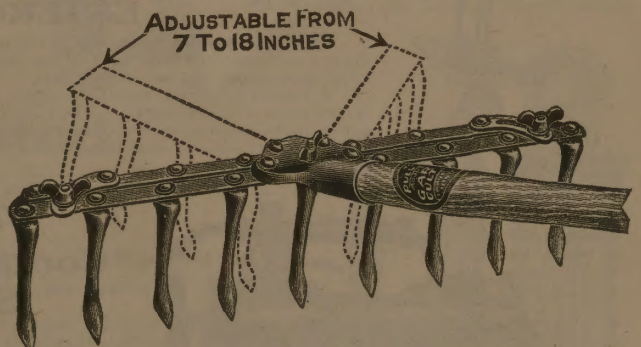


DIRECTIONS

Poultry—Spray or paint the roosts, nest boxes and runways. A sprayer is handier than a brush and is more effective, as the spray reaches all the nooks, corners and crevices. The painting or spraying should be done not more than one hour before sundown, in order that the vapor may be fresh and strong, and rise directly against the birds. Body-lice and mites are usually killed by one treatment. Repeat, if necessary, after an interval of a few days.

Setting Hens—Confine the hen, before setting, in a box thoroughly sprayed with CREONOID Lice Destroyer. Spray the nest boxes with CREONOID and keep very clean. This will insure not only a

setting hen free from lice, but will insure chickens free from vermin.



"PULL-EASY" HAND CULTIVATOR

"PULL-EASY" has advantages over any other garden tool. When the arms are spread out to full width of 18 inches the cultivator is like a rake. For narrower rows the outer ends of the arms can be closed to any width down to 7 inches. The shape of the teeth and the way in which they are attached to the steel side bars makes the cultivator entirely different from any ordinary rake because the teeth penetrate the ground, stir it up and pulverize it thoroughly without the operator being obliged to exert any downward pressure on the handle. The width of the cultivator is adjusted by simply loosening the two wing nuts, moving the bars and tightening them again. The middle tooth can be instantly removed permitting narrow rows of small plants to be cultivated two at a time. This Hand Cultivator is best adapted for the home gardens or for hand-work in commercial or truck gardens. Price each \$1.50, by express at purchaser's expense.

SPRAYING MACHINES

SPRAMOTOR OUTFIT No. 104

For Painting, Whitewashing and Spraying

We illustrate here the Spramotor No. 0, arranged especially for single nozzle painting work. It will be found capable of spraying any material that can be formed into a spray. A pressure of 150 lbs. per square inch can be maintained with one nozzle at work, and where limited surfaces are to be covered no better machine is needed. Thousands of these machines are in daily use, and no paint shop can afford to be without one or more of them. Although you may have one of our larger outfits, there are many odd jobs in which it is too large and cumbersome to move around or through openings. Price:

Spramotor Jr. No. 0, with brass working parts.....	Complete, \$17.50
Ten ft. ½-inch Hose, with brass couplings.....	
One 8 ft. Iron Extension Pipe, in three pieces.....	
Patent Drip Guard, Fig. 60.....	
1 Hand Valve, Fig. 52.....	
1 Patent Painting Nozzle, Fig. 57.....	\$1.50
One 5-gal. Galvanized Iron Can.....	
If 10-gal. Galvanized Iron Can is required, add.....	

Prices quoted on Spramotors are, owing to the increased cost of material, subject to change. Write for prices on Sprayers before ordering.

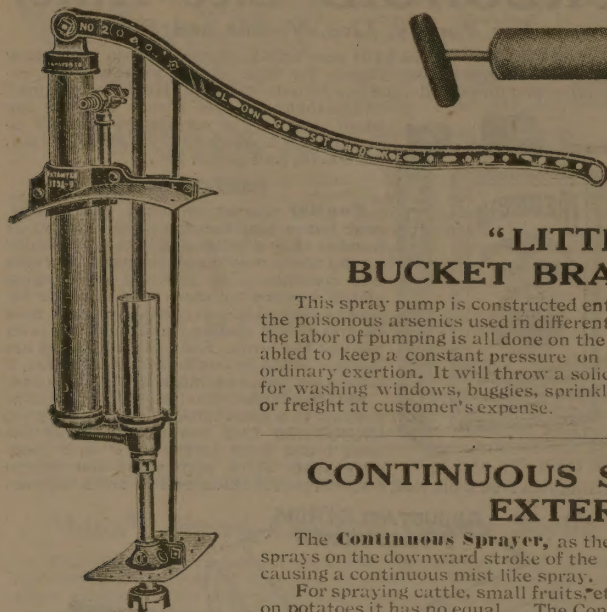
SPRAMOTOR JR. Nos. 1 and 2

Recommended for all kinds of Tree Spraying.

This illustration accurately represents our largest size Spramotor Jr., the best all-round spraying-machine made; it was awarded first place at the Government spraying contest at Grimsby. It has all the patented improvements and has been fully tested and approved. It will be found more convenient to attach to the barrel, and can be arranged to attach to the side of the barrel, or by means of flat plates to the end, and may be ordered either way without extra charge. It is built low down, and is the strongest machine ever placed on the market. All the working parts are brass.

Spramotor Jr. No. 1; brass working parts.....	\$15.00	Spramotor No. 2, brass working parts.....	\$20.00
1 Line ½-inch Hose, 10 ft. with Couplings.....	1.25	1 Line Hose, 10 ft. with Couplings.....	1.25
1 Hand Valve, Fig. 52.....	1.20	1 Hand Valve, Fig. 52.....	1.20
1 Bamboo Extension Rod and Drip Guard.....	3.25	1 10-ft. Bamboo, with Drip Guard.....	3.25
1 Single Nozzle, Figs. 56 or 57.....	.60	1 2-cluster Nozzle, Fig. 58.....	2.00
With 2-Nozzle Cluster.....	2.00		

OUTFIT NO. 104



SPRAMOTOR JR. NO. 2

CONTINUOUS SPRAYER

"LITTLE GIANT"

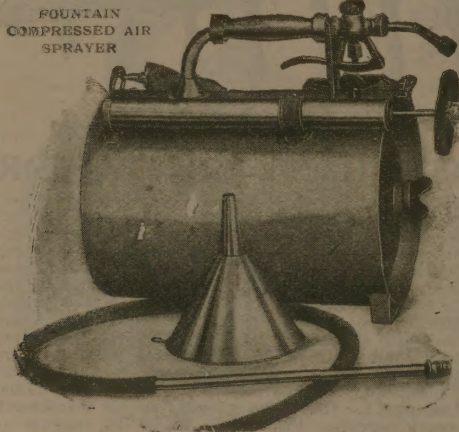
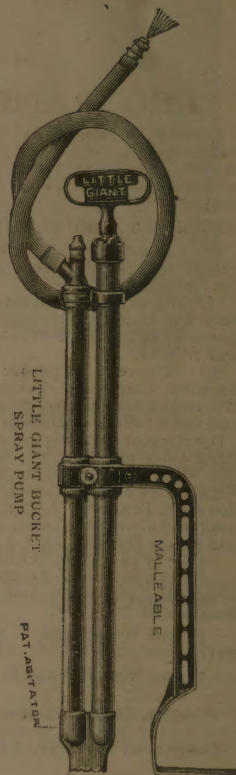
BUCKET BRASS SPRAY PUMP

This spray pump is constructed entirely of brass, a material that is not affected by the poisonous arsenicals used in different formulas for spraying. It is so arranged that the labor of pumping is all done on the down stroke of the piston. The operator is enabled to keep a constant pressure on the nozzle of from 50 to 100 lbs., with but very ordinary exertion. It will throw a solid stream of water 50 feet, and is of unusual value for washing windows, buggies, sprinkling lawns, flowers, etc. Each \$5.00, by express or freight at customer's expense.

CONTINUOUS SPRAYER AND BUG EXTERMINATOR

The Continuous Sprayer, as the name implies, is so constructed that it not only sprays on the downward stroke of the plunger, but also when it is drawn back, thus causing a continuous mist like spray.

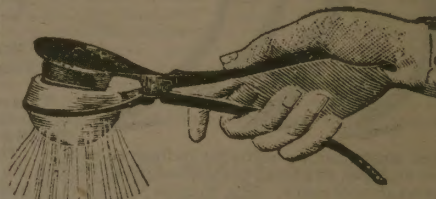
For spraying cattle, small fruits, etc., it is unsurpassed, and for putting Paris Green on potatoes it has no equal. The Continuous Sprayer will make and save more money for farmers, gardeners, florists, orchardists, stockmen and poultrymen than any other machine they can buy, cost not considered. Special \$11.25 each; by mail postpaid, \$1.75.



Fountain Compressed Air Sprayer

It is light, easily operated, and will do the work as fast as a man can walk. The body of the "Fountain Compressed Air Sprayer" is composed of a strongly-made galvanized iron reservoir, holding two gallons of spraying mixture. The pressure is given by a few strokes of the air pump attached to the outside; once charged, it will spray ten or twelve minutes. Within easy reach of the operator's finger is an ingeniously constructed valve, by means of which the operator can regulate the spray. This sprayer, which has been well tried, will prove invaluable for spraying potatoes or other garden and farm plants, shrubs, small fruit trees, and for greenhouse work. Galvanized \$11.00 each.

ATOMIZER AND SPRINKLER



Spray appears like a fog. Best clothes sprinkler in the world. Sprinkles so evenly. Excellent for flowers and house plants. Moistens them as by a fog. Fills instantly. Each 75c, postpaid; extra balls each 30c.

**BLACK HAWK
FEED MILL.****BLACK
HAWK
GRINDING MILL**

An Excellent Mill
for Home Use

For grain only. A cheap and handy Grinding Mill. If you live in a Wheat country you can always have fresh Graham Meal for the Table. Just the machine for the poultry man, farm, or family use. A quart of Graham Flour can be made in from two to three minutes. It is readily taken apart for

cleaning or oiling without the use of tools. Easily adjusted for fine or coarse grinding of wheat, corn or other dry grain or spices. All bearings are chilled, crank of malleable iron; grinding plates made of hardest and strongest metals. Weight, complete, 12 lbs. Each **\$4.50**. Extra Grinding Plates, per pair, **\$1.25**, by express at purchaser's expense.

BRASS SYRINGES

- Syringe, Extra Heavy Brass**, ball valve, coarse and fine spray, and jet, strong barrel and fittings, No. 824, 20 x 1 1/2 ins. **\$7.50**
Heavy Brass, same fittings, No. 824, 18 x 1 1/2 ins. **6.00**
Mort Aphs. Coarse and fine spray, best brass tubes, drip preventor, No. 821, 20 x 1 1/2 ins. **6.25**
Abol Spraying. Best brass drip preventor, 20 x 1 ins. **4.50**
Heavy Brass, with rose, jet, and insecticide nozzle, 18 x 1 1/2 ins. **4.50**
Four Oaks. Heavy brass, 1 rose and jet, No. 156, 20 x 1 1/2 ins. **5.75**
Four Oaks. Heavy corrugated brass, with detachable angle tip, 2 nozzles. Excellent for spraying under leaves. No. 95AB, 14 x 1 ins. **5.00**

**"BLACK HAWK"
CORN
SHELLER**

A Sheller that Shells

It can be set to shell any corn that grows—set it for pop corn and it will shell pop corn; set it for field corn and it will shell field corn; set it for the largest corn that grows and it will shell the largest corn. This practical sheller meets every requirement, appeals to common sense, and is our best agent. The working parts are all machine-made, not castings hastily thrown together. Every part is perfectly fitted and can be duplicated at any time. Weight, 11 lbs. Each **\$3.25**, by express at purchaser's expense.

CEDAR PLANT TUBS**JUST THE THING FOR PALMS, BAY TREES
OR FERNS**

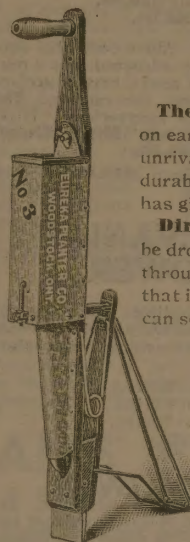
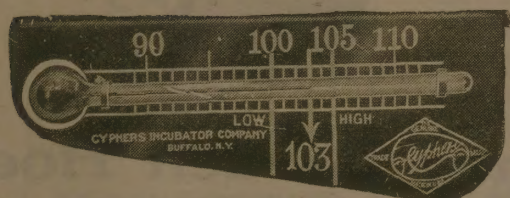
Made of Cedar, painted green, and bound with extra heavy iron hoops and perforated bottom.

- | | Each |
|---|---------------|
| No. 1—13 inches in diameter, 12 inches deep | \$1.50 |
| No. 2—14 inches in diameter, 14 inches deep | 2.00 |
| No. 3—16 inches in diameter, 16 inches deep | 2.75 |
| No. 4—19 inches in diameter, 18 inches deep | 3.50 |

**THE EUREKA CORN
PLANTER**

The Eureka is the cheapest and best corn planter on earth. As a labor-saver in a corn planter it stands unrivalled. The working parts are simple and durable. It has been used for a number of years and has given the best possible satisfaction.

Directions.—To regulate the number of grains to be dropped in each hole, remove the slide that passes through the planter and you will see a piece of brass that is held by a small screw; by loosening this you can set for any number you wish. After regulating this to the required amount, try it on the floor. The planter is used in the same manner as a walking stick with the automatic foot forward, and as the man steps ahead it will trip the planter. Price **\$2.50** each. By express at purchaser's expense.

**High-Grade Tested
Thermometers****INCUBATOR AND BROODER THERMOMETERS**

Hundreds of hatches in incubators fail because of the inferior thermometers and large numbers of chickens are killed in brooders owing to defective or worthless thermometers. The thermometers here listed are manufactured specially for us and are thoroughly tested before they are shipped. Two-thirds of the thermometers on the market are made from improperly-seasoned glass tubes, and what are termed green thermometers. These thermometer tubes are carried in stock two years before being mounted on the scale. Incubator 75c, Brooder thermometers 85c, postpaid

**Warranted Correct Standard Grade
Air Scale.**

Made with seasoned tubes, graduated in single degrees; tubes mounted by clasps on heavy metal; very accurate.

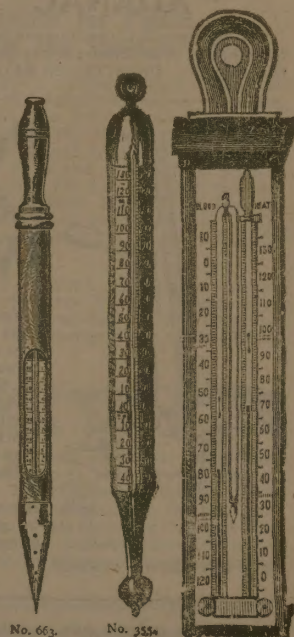
These thermometers are exceedingly useful to the florist or gardener who has a greenhouse.

8-inch Thermometers, each **\$1.00**, 10-inch **\$1.25**, 12-inch **\$1.50**, postpaid. Ordinary ti cases, each, 7-inch 50c, 8-inch 65c, 10-inch 75c, postpaid.

Registering Thermometers. 12-inch Standard Maximum and Minimum Registering Tubes, mounted together on same plate with magnet. Each **\$4.00**, postpaid.

New Improved Dairy, all glass, or for propagating beds and hot beds. Valuable for dairy work. Each **\$1.00**; postpaid **\$1.15**.

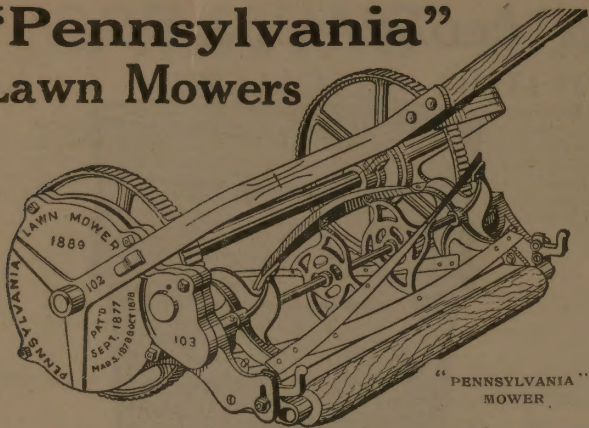
Hot-Bed Thermometers. 10-inch Thermometer, in round turned wood case with pointed brass bottom, extra good quality (see illustration). Each **\$2.00**, postpaid **\$2.25**.



No. 663.

No. 355.

"Pennsylvania" Lawn Mowers



Continental. One of the best high-grade mowers. It is made of best material and workmanship. Drive wheel 8 inches high. Each, 14 inch cut \$15.50, 16 inch cut \$16.50, 18 inch cut \$17.50.

Braun Grass Catcher. Adjustable to "Pennsylvania" mowers only. Each, 14 in. \$3.25, 15 in. \$3.75, 16 in. \$4.25, 17 in. \$4.50, 18 in. \$4.75, 19 in. \$5.00, 21 in. \$5.00. When ordering mention size of mower.

Woodyat Lawn Mower. An easy running, perfectly constructed machine of Canadian make. The knives are made of tool steel, oil tempered, and with easily adjusted bearings and parts. Driving wheel, 10½ inches. Each, 12 inch \$9.00, 14 inch \$10.00, 16 inch \$11.00.

"PENNSYLVANIA" GOLF BALL BEARING.

This machine, high-wheel pattern, can be adjusted to cut 3/16ths of an inch, practically shaving the lawn, and is especially adapted to golf links, tennis courts, and exceptionally fine lawns. Seven blades. Price, 17 inch \$40.00, 19 inch \$45.00, 21 inch cut \$50.00.

Forward Grass Catcher for same, each \$6.00.

"PENNSYLVANIA." POINTS OF MERIT. Most perfectly constructed machine made; strong, durable, easily adjusted, has a rear cut, runs easily, almost noiseless, will cut long grass, leaves surface perfectly smooth; knife works from either wheel, few repairs. The favorite machine and receives highest awards everywhere. If requiring a lawn mower, select a "Pennsylvania" High Wheel. Each, 15 inch \$27.50, 17 inch \$32.50, 19 inch \$35.00.

"PENNSYLVANIA" Low Wheel, 14 inch \$13.00, 16 inch \$15.00, 18 inch \$18.00.

THE NEW "PENNSYLVANIA" GRAND HORSE MOWER

The new machine, in addition to the good qualities of our regular Horse Mower, has some features that are distinctively its own, which will recommend it to all who use horse power machines. Complete with seat, shafts, etc.

30 inch cut, 4 knives, Shpg. Weight 635 lbs.

30 inch cut, 6 knives, Shpg. Weight 645 lbs.

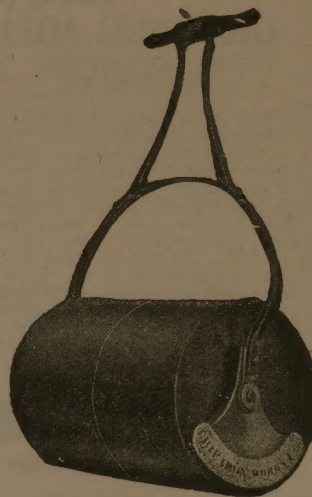
38 inch cut, 4 knives, Shpg. Weight 720 lbs.

Prices quoted on application.

"ADANAC" LAWN MOWER

A high grade Canadian made machine, with 10½ inch wheels and four blades of crucible tool steel, oil tempered. We can recommend this mower. Price, 17 inch \$17.50, 19 inch \$19.50, 21 inch \$21.50.

Roll Your Lawn



WATER BALLAST LAWN ROLLERS

Rolling will cure 50% of your lawn troubles. Rolling will eradicate weeds, keep grass from dying, and promote even growth, over which the mower will operate to perfection. It also discourages the work of moles, worms, ants, etc.

Rolling compresses the grass roots so they absorb moisture from the subsoil. Alternate freezing and thawing produces a loosening and heaving effect on the ground. The earth settles faster than the grass roots, and if not rolled and brought into firm contact with the soil below, are left exposed to the air, where they will dry out and die.

WATER BALLAST ROLLERS

Price List, with Counterbalancing Handles, Double Drums or Sections.

Diam. Inches	Length Inches	Empty Weight	Weight filled with water	Weight filled with sand	List Price
18	24	135 lbs.	360 lbs.	560 lbs.	\$16.00
24	24	185 lbs.	560 lbs.	860 lbs.	22.00
24	36	198 lbs.	690 lbs.	1050 lbs.	26.00

The plug in the drum in the water weight is coated with a non-rusting compound, so the plug is easily removed by the use of a suitable wrench that is furnished with the roller.

"Little Giant" Broadcast Seed Sower

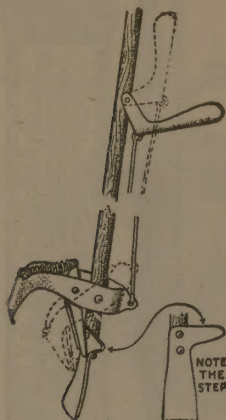
Thousands in use Throughout Canada.



"LITTLE GIANT" SEEDER

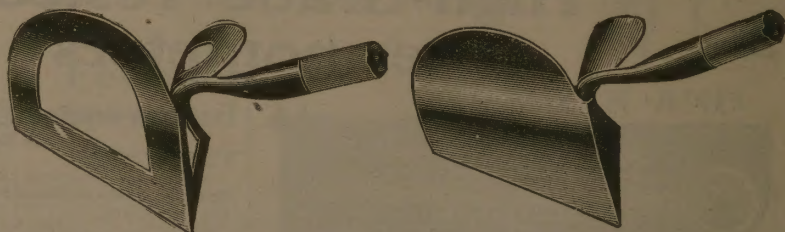
This machine does perfect work in the easiest and simplest manner. It is strong and light; weight 3 lbs. It will distribute to the round—Wheat 50 feet; Flax S. ed, Clover and Oats, 36 feet; Timothy, 27 feet; and will sow 20 acres per day. We highly recommend this labor-saving machine, and are sure it will prove entirely satisfactory. Crank Seeders, each \$2.75, carriage paid \$3.25.

Pull Easy Lawn Weeder



PULL EASY LAWN WEEDER

No more broken backs. This little device gets at the root of the evil and removes it bodily. The curved edge of the blade enters and loosens the soil. Pressure on the lever then causes the toothed jaw to grasp the plant and a slight pull suffices to dislodge it without disturbing the surrounding soil. Each \$1.00, by express at purchaser's expense.



The Handy Garden Hoe

THE HOE OF ALL HOES

Does the work ALL other hoes will do, AND MORE. It hoes, plows, lists, Pulverizes, Covers and Cultivates. As a Hoe it breaks up the soil easily. As a Plow it has the angle cutting Shear of the Plow; it cuts a smooth, Level Bottom, and completely turns the surface of the soil with its full Stubble Mold Board; and it cuts and turns the roots of the weeds to the sun and air, and leaves a clean Pulverized Surface. As a Pulverizer. By pushing it backwards in a Listed furrow, it Pulverizes, smooths and Packs the fine mulch for a Perfect Seed-bed and Furrow. Each \$1.00. Cannot be mailed.

FERTILIZERS

"STEELE BRIGGS" FINE GROUND BONE MEAL

A high grade fertilizer. Your lawn and garden need regular applications of Fertilizer. Manures being inconvenient and offensive to handle are not suitable. The weed seeds contained in manure are very detrimental to gardens. Our Fertilizer is put up specially for gardens. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden where it can be applied any time during the growing season. 5 lbs. 40c, 10 lbs. 75c, 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$8.50, by freight or express at purchaser's expense.

PULVERIZED SHEEP MANURE (WIZARD BRAND)

A soluble plant-food highly recommended for all purposes where a first-class fertilizer is required. It is a pure natural manure, and has long been recognized as one of the most beneficial. As a top-dressing for lawns it is unequalled. For lawns it should be used at the rate of 500 to 800 pounds per acre. As a fertilizing agent for plants indoors and in the open garden, it is one of the very best. 1 lb. 10c, 5 lbs. 30c, 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$1.75, 100 lbs. \$3.00, by freight or express at purchaser's expense.

PURE CANADIAN HARDWOOD ASHES

which are essential, not only as plant food, but also as sweeteners of the soil and solvents of other plant food ingredients. So far as they supply potash and lime, they are "nature's plant food." These things have been extracted from the soil by the trees and now we return them in the shape of ashes. Pure wood ashes is one of the best fertilizers for top-dressing lawns, grass lands, and seeding down, imparting a rich, dark shade of green, destroying insects and weeds, particularly moss; also for fruit of all kinds, especially strawberries, peaches and apples. 100-lb. bag \$2.00, 200 lbs. \$3.75, by freight or express at purchaser's expense.

"STEELE BRIGGS" LAWN AND GARDEN FERTILIZER

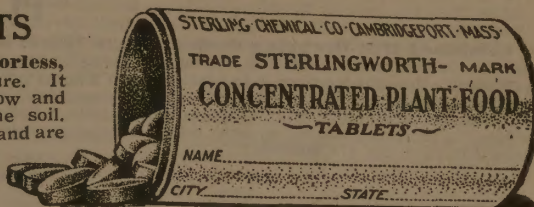
applications of Fertilizer. Manures being inconvenient and offensive to handle are not suitable. The weed seeds contained in manure are very detrimental to your lawn and garden. Our Fertilizer is put up specially for lawns and gardens. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden, where it can be applied any time during the growing season. 5 lbs. 40c, 10 lbs. 75c, 50 lbs. \$2.75, 100 lbs. \$5.00.

NITRATE OF SODA

When applied with farmyard manure, at the rate of from 300 to 500 lbs. per acre, gives astonishing effect. Market gardeners can use it profitably for cabbage, cauliflower and other crops. It improves and hastens the strawberry crop. For farm crops such as wheat, barley, oats and corn, a moderate quantity applied broadcast on the land is excellent. Price, 6 lbs. \$1.00, 25 lbs. \$3.00, 50 lbs. \$5.50, 100 lbs. \$10.00.

STERLINGWORTH PLANT FOOD TABLETS

Contain Nitrogen, Ammonia, Phosphoric Acid and Potash. A new Scientific, Odorless, Concentrated Fertilizer for Potted Plants. Takes the place of liquid manure. It starts the plants at once into healthy and vigorous growth, and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are simply wonderful for making plants bloom. They are odorless and are used by dissolving in water. If you want beautiful luxuriant plants, try just one box. Trial size box, sufficient for 10 house plants for 3 months, 20c, postpaid. Large size box, sufficient for 35 plants for 3 months, 35c, postpaid.



THOMSON'S VINE, PLANT AND VEGETABLE MANURE

under glass; also vegetables and other plants in the garden. QUANTITY REQUIRED: Grapevine Border.—For making up a border, $\frac{1}{2}$ cwt. to the ton of loam; for surface dressing, 2 lbs. per yard super, applied early in the season, and 1 lb. per yard super after the grapes are thinned; mix with a little fine soil when roots are quite near the surface; if not very near the surface sprinkle the manure on and fork it in. See that the thorough watering of the borders is done some time previous to the top dressing. For borders for peaches, $\frac{1}{2}$ cwt. to the ton of loam. Original bags, 112 lbs. \$8.50, 56 lbs. \$4.50, 28 lbs. \$2.50.

This manure is a perfect food for the grapevine and other fruits.

FREEEMAN'S FLOWER FOOD

A Concentrated Soluble Horticultural Fertilizer for Plants.

Brings Flowers to their Fullest Development in the Shortest Time.

For Pot Plants. For all pot plants this concentrated manure is unsurpassed. It is best dissolved in water in the proportion of $\frac{1}{2}$ to 1 oz. to a gallon, and this solution used for watering, taking care not to let any of the solution come in contact with the leaves. Quick-growing plants, such as Begonias, should be watered once a week, and Palms, Rubbers, etc., once every two weeks. By such application the plants develop more rapidly, and produce an increase of bloom to an extent hitherto unknown. It can also be mixed with the soil before potting, at the rate of one dessertspoonful manure to one gallon of earth. Do not put the manure dry or dissolved, on the leaves and do not overdose, as plant roots take it up very greedily, and if overfed suffer from the results of over-feeding. Full directions on each package. Price, package, 30c, (mail, postpaid, 45c). By express or freight, at purchaser's expense, 5 lbs. 75c, 10 lbs. \$1.25.

RADIUM BRAND FERTILIZER

Potted Plants, Fruits, etc. Gives to vegetation a rapid growth and luxuriant appearance, improving quality and production. 12 oz. 30c, postpaid 40c; 2 lbs. 50c, postpaid 68c; 5 lbs. \$1.00, 10 lbs. \$1.75, by express at purchaser's expense.

For Flowers, Vegetables, Lawns, Shrubbery, Vines, Greenhouses.

LAND PLASTER

For Vegetable and Farm Crops, Fruit Trees, etc.

What is it? Land Plaster is finely ground Gypsum or Calcium Sulphate. It is composed of 33 parts of Calcium, 46 of Sulphuric Acid and 21 of water. It is valuable for agricultural purposes because of the Calcium and Sulphur it contains. The presence of Calcium salts in the soil seems to be essential to the many chemical reactions taking place in the soil, and its absence makes the soil practically sterile. Land Plaster, like other forms of Calcium salt, tends to gather together fine particles of soil. It also binds together the sands and makes them firmer. Price, in cotton

aids in this connection. Land Plaster also very much improves the physical condition of soils. It tends to gather together fine particles of soil. It also binds together the sands and makes them firmer. Price, in cotton bags of 125 lbs. each \$2.00 per bag; \$20.00 per ton.

"Planet Jr." Hill and Drill Seeders FOR HAND POWER

ILLUSTRATED AND DESCRIPTIVE CATALOGUES OF
"PLANET JR." TOOLS FREE ON APPLICATION.

"PLANET JR." No. 1

Combination Drill and Wheel Hoe, Cultivator and Plow.—Every purchaser of the No. 1 machine will find it an excellent seed sower; a first-class double-wheel hoe for use while plants are small, a first-class single-wheel hoe, an excellent furrower, an admirable wheel cultivator, a rapid and efficient wheel garden plow, and that it has no superior in variety of tools, easy adjustment, lightness, strength and beauty. It is a practical, every-day, time, labour and money-saver. Price \$18.50.

"PLANET JR." No. 2

Seed Drill.—The sowing cylinder of both No. 1 and No. 2 Seeders is a drum of spring brass set between the driving wheels, with a sliding brass band secured in position by a cam. Inside the drum, shields protect the openings and insure regular sowing, either with a full hopper or a thimbleful of seed. Wheeling around on the roller stops the flow of seed. They plant all varieties of garden seeds admirably, and are especially adapted to planting small seeds shallow, the plow being directly between the wheels and sure to open at a regular depth. Price \$15.25.

"PLANET JR." No. 3

Hill Dropping Seeder.—Has the steel driving wheel, with heavy steel spokes, not "piano wire," is of proper height, with broad face, making the tool

light and easy running, even with the hopper filled to the brim. Is the same tool as the No. 5 Seeder and just as good, except that it is smaller in size, the hopper holding three quarts of seed. Price \$21.75.

"PLANET JR." No. 4

Combined Hill Dropping Seeder, Single Wheel Hoe, Cultivator and Plow.—Has been improved recently. It combines in a single convenient implement, a capital hill dropping and row seeder, an admirable single-wheel hoe and furrower, a capital wheel cultivator and an efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness and strength. It is a practical, every-day time, labour and money saver. It will sow all garden seeds in continuous rows with great uniformity and also drop with accuracy in hills, 4, 6, 8, 12 or 24 inches apart and at the same passage mark the next row. As a Seeder the No. 4 is accurate, simple, durable, reliable, and easy running, doing first-class work in every particular. Price complete \$23.00. Price, as a seed drill only, No. 4D, \$18.00.

"PLANET JR." No. 5

Hill and Drill Seeder.—No. 5 is undoubtedly the best seeder we sell for market gardeners, sugar beet and bean growers, onion set growers and other large planters. The style of construction is the same as in No. 3, the valuable mechanical features being common to both. It drops in hills, 4, 6, 8, 12 or 24 inches apart. It runs light and plants equally well with a full hopper or with an ounce of seed, and up hill or down. The hopper holds five quarts. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price \$25.00.

"PLANET JR." No. 25

Combined Hill and Drill Seeder and Double Wheel Hoe. This combination is intended for gardeners who have a large enough acreage in crops for a double-wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately. (See description No. 4). As a seeder it is practically the same as the "Planet Jr." No. 4. For 1919 this tool is made with steel frame, practically indestructible. As a wheel-hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. Two acres a day can easily be worked with this implement, and when done it will be better worked than several men could have done it in the same time with hand hoes. Price \$27.25.

"PLANET JR." GRASS EDGER

Evidence of care and extreme neatness are the great secrets of attractiveness in grounds surrounding the house. The "Planet Jr." Grass Edger assists wonderfully in producing the attractiveness. It will edge either straight or curved work, paths, drives, open borders or flower beds, rapidly and beautifully.

Cement, Brick or Stone Walks. Thousands of miles of walks are still edged slowly, laboriously and poorly, with a spade or sod cutter. With the "Planet Jr." Edger you can cut the turf symmetrically with charming effect, at the speed of a walk. In edging cement or flagstone walks, the "Planet Jr." Edger cuts out a small "V" shaped piece of turf, leaving a uniform finish. By a simple change the tool may be used either for cement, brick, stone, or gravel walks and drives, or for flower beds. It can be set to allow the wheel to run either on the walk or on the grass. Use after rains. Price \$10.80.

"PLANET JR." No. 6

Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.—This is our latest "Planet Jr." combined Hill and Drill Seeder and Wheel Hoe. It will drop

in hills and sow in drills, all garden seeds with the greatest regularity to any exact depth required. Covers, rolls down and marks the next row, all at one operation. The wheel is 16½ inches high, making it an easy running tool. It drops in hills 4, 6, 8, 12 and 24 inches apart, and the change from hill to drill, and vice versa, can be made in a few seconds. As a Wheel Hoe, Cultivator and Plow, it is an exceptionally easy-running tool. Price \$30.75.

No. 25



“Planet Jr.” Wheel Hoes and Cultivators

NOTE—Prices for “Planet Jrs.” are ex-Warehouse, Toronto or Hamilton, and subject to change without notice.

The “PLANET JR.” DOUBLE WHEEL HOES

are the greatest hand cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden and market garden crops from drilled seed.

Nos. 11, 12, 13, 13½ and 14 Double-Wheel Hoes, all have the same style steel frames, wheels and handles.

The Tool Frames for 1919 are made of pressed steel instead of malleable or cast iron, as heretofore. This is a radical improvement and makes the machines almost indestructible.

THE “PLANET JR.” No. 12, Double Wheel Hoe, Cultivator and Plow. This tool is identical with No. 11, except that it has less complete equipment, but at a correspondingly low price. The set of tools with No. 12 is what gardeners need most, and the rest can be added as wanted. Price \$14.85.

THE “PLANET JR.” No. 13 Double Wheel Hoe.—This tool is the No. 11 with six-inch hoes only, this pair of tools being most generally useful at all seasons. Price \$10.80.

“PLANET JR.” No. 13½, Double Wheel Disc, only \$13.25.

“PLANET JR.” No. 14, Double Wheel. One set Disc Hoes, one pair of 3-Prong Cultivator teeth, one pair Plows, one pair Leaf Lifters. Price complete, \$17.00.

SINGLE WHEEL HOES

Single Wheel Hoes are lighter than the double and do almost the same variety of work, but are used mostly between the rows. Yet, by attaching the wheel to the other side of the arm, Planet Jr. single-wheel hoes can be used to hoe both sides at once, while plants are small, the most important time. Nos. 16, 17, 17½, 18 and 38 wheels and frames are alike, but the tools sold with each vary. Examine the description. For 1919 we offer these single-wheel hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

“PLANET JR.” No. 16, Single Wheel Hoe, Cultivator, Rake and Plow.—Price \$12.50.

No. 17, Single Wheel Hoe, Cultivator and Plow.—This tool is identical with No. 16, but has only a pair of six-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time. Price \$10.40.

No. 17½, Single Wheel Hoe and Cultivator.—This machine is similar to No. 17, except that it has no plow, but it has a leaf lifter. Thousands of them are sold annually for the cultivation of sugar beets and onions. Price \$9.00.

No. 18, Single Wheel Hoe. This tool has the same frame and handle as No. 16, but has one pair of six-inch hoes only—the tools that are most constantly used throughout the season. All the other tools can be added as needed. Price \$7.50.

“Planet Jr.” Twelve Tooth Harrow, Cultivator and Pulverizer. No. 90.

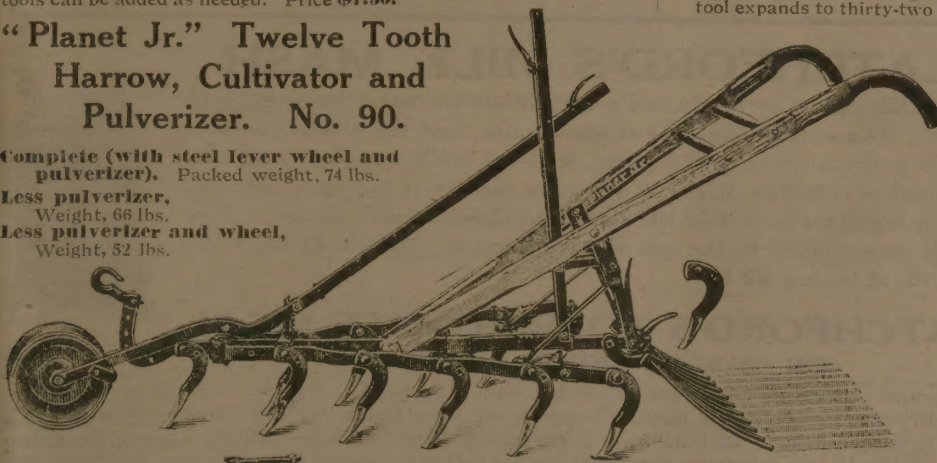
Complete (with steel lever wheel and pulverizer). Packed weight, 74 lbs.

Less pulverizer.

Weight, 66 lbs.

Less pulverizer and wheel,

Weight, 52 lbs.



“PLANET JR.” 12-TOOTH STRAWBERRY CULTIVATOR AND HARROW

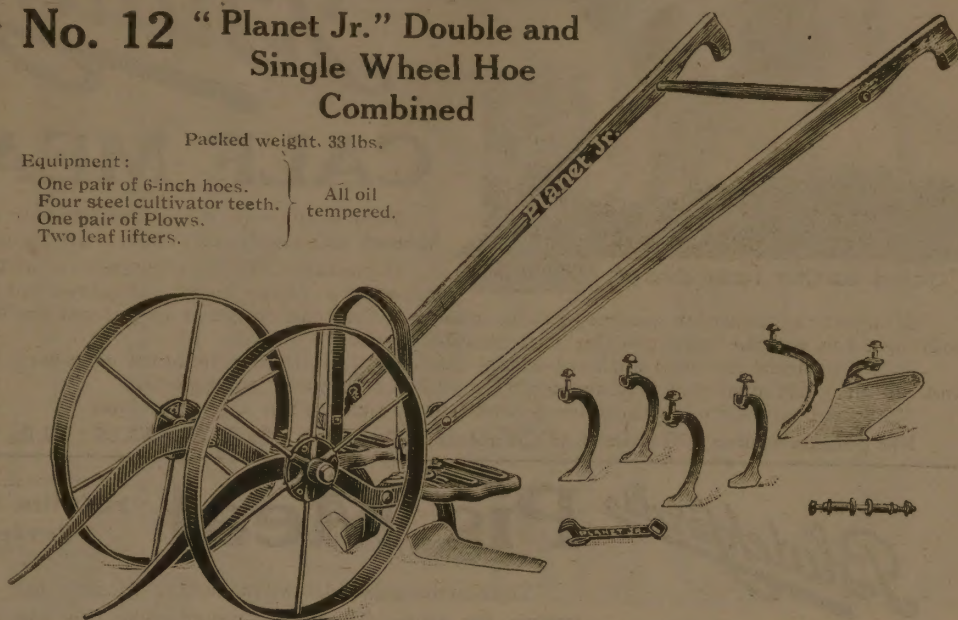
No. 12 “Planet Jr.” Double and Single Wheel Hoe Combined

Packed weight, 33 lbs.

Equipment:

One pair of 6-inch hoes.
Four steel cultivator teeth.
One pair of Plows.
Two leaf lifters.

All oil tempered.



No. 31 “PLANET JR.” Combined Drill Seeder and Wheel Hoe.—This new combined tool is of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from ¼ to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay. Price \$15.50.

No. 32, “PLANET JR.” Drill Seeder, which is the No. 31 without the cultivating attachments. The index is most simple, set for every kind of seed. The seeder holds 1 quart. Price \$12.50.

No. 33, Wheel Hoe.—This combination will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service. Women, young or old, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables. Price \$7.80.

“PLANET JR.” HORSE HOES AND CULTIVATORS

THE “PLANET JR.” 12-Tooth Strawberry Cultivator and Harrow.—This tool has rapidly grown in favour with strawberry growers, market gardeners, truckers and farmers because the twelve chisel-shaped teeth do such thorough work, and because the tool is so convenient, durable and strong. The teeth and pulverizer leave the ground in the finest condition, and the operator can set the tool exactly to any depth desired, making delicate work not only possible but very easy.

The Foot-Lever Pulverizer is an admirable tool for fine cultivation and preparing ground for the seed drill or for plant setting.

The Hand Levers regulate both width and depth instantly. The tool expands to thirty-two inches and contracts to twelve. Strawberry Runner Cutter Attachment, consisting of a 10-inch flat steel disc mounted on an outrigger, extra. Price without Pulverizer \$20.25, complete \$23.65.

THE “PLANET JR.” No. 8 Horse Hoe. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The frame is longer than usual, and about 1½ inches higher, making a tool that will not clog easily. The Standards are formed up hollow, with round throats of stiff steel. The Expander—This is an entirely new pattern, superior to all other forms; exceedingly strong, simple accurate, and positive in all positions. Price \$24.25.

THE “FIRE-FLY” GARDEN PLOW.—This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. The moldboard is of tempered and polished steel; the depth is quickly changed. Price \$4.80.



"Good to the last drop"

Blatchford's

CALF MEAL *The Complete Milk-Equal*

This is in reality a substitute for milk—and should not be considered as an ordinary "feed" or "meal."

It contains all the elements of milk and when properly prepared becomes a "baby food" for calves and colts.

It is just the thing for weaning calves as soon as they can be taken away from the cow. Then all the milk may be sold, and you get the benefit of the high creamery prices.

It is absolutely the only milk-substitute that contains all the elements necessary for rapid and healthy growth, and the only calf meal that is thoroughly cooked and prepared for digestion.

Will push calves and colts forward better and quicker than any other food.

100 pounds makes 100 gallons of Complete Milk-Equal. 25 lb. bag \$2.15; 50 lb. bag \$3.75; 100 lb. bag \$7.25.



Pig Meal

100 lbs. makes 100 gallons of Perfect Milk Substitute.

Your little pigs will wean easily, quickly and safely on our Perfect Milk Substitute for pigs. They will never miss the sow's milk, for they can't tell the difference. Don't allow them to stop growing while they wean; that's where you lose if you do.

BLATCHFORD'S PIG MEAL is based on Blatchford's Calf Meal and contains just the right percentage of vegetable protein, fat, moisture, ash, etc., for weaning pigs. It keeps them growing sturdily, rapidly and profitably, thus allowing you to sell the valuable cow's milk. Instead of taking on fat at this time they will grow bone and solid flesh, thin their blood and keep right on developing, on the road to big hogs. You will seldom if ever find a runt in a litter of Blatchford's Pig-Meal-weaned pigs.

100 lbs. makes 100 gallons of Perfect Milk Substitute. 25 lb. bag \$2.15; 50 lb. bag \$3.75; 100 lb. bag \$7.25.

BLATCHFORD'S "Fill the Basket" Egg Mash is a perfect, complete food for encouraging the natural egg-laying functions to greater results and contains nothing resembling a drug.

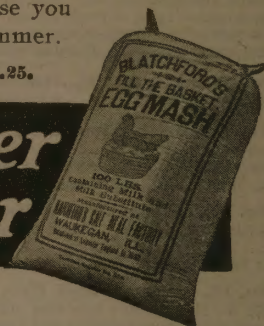
It starts the pullets laying at five to six months of age, keeping them in perfect health all the time.

The average hen will consume about a pound a week, costing less than four cents, but her results will surprise you during both winter and summer.

25 lbs. \$2.15, 50 lbs. \$3.75, 100 lbs. \$7.25.



Make every layer a winter payer



A slogan for poultrymen



2 1/4 lbs. at 8 weeks

BLATCHFORD'S MILK MASH

CHICKS started on Blatchford's Milk Mash are never bothered with diarrhoea. It nourishes the same as whole milk, and the chicks you save by it will prove the wisdom of its use. Milk-fed broilers are being successfully raised on this Milk Mash. They grow rapidly to big birds and command top prices on account of their size and choice quality of meat. Five lbs. will raise a chick to the age of three months. 100 lbs. \$7.25, 50 lb. bag \$3.75, 25 lb. bag \$2.15.

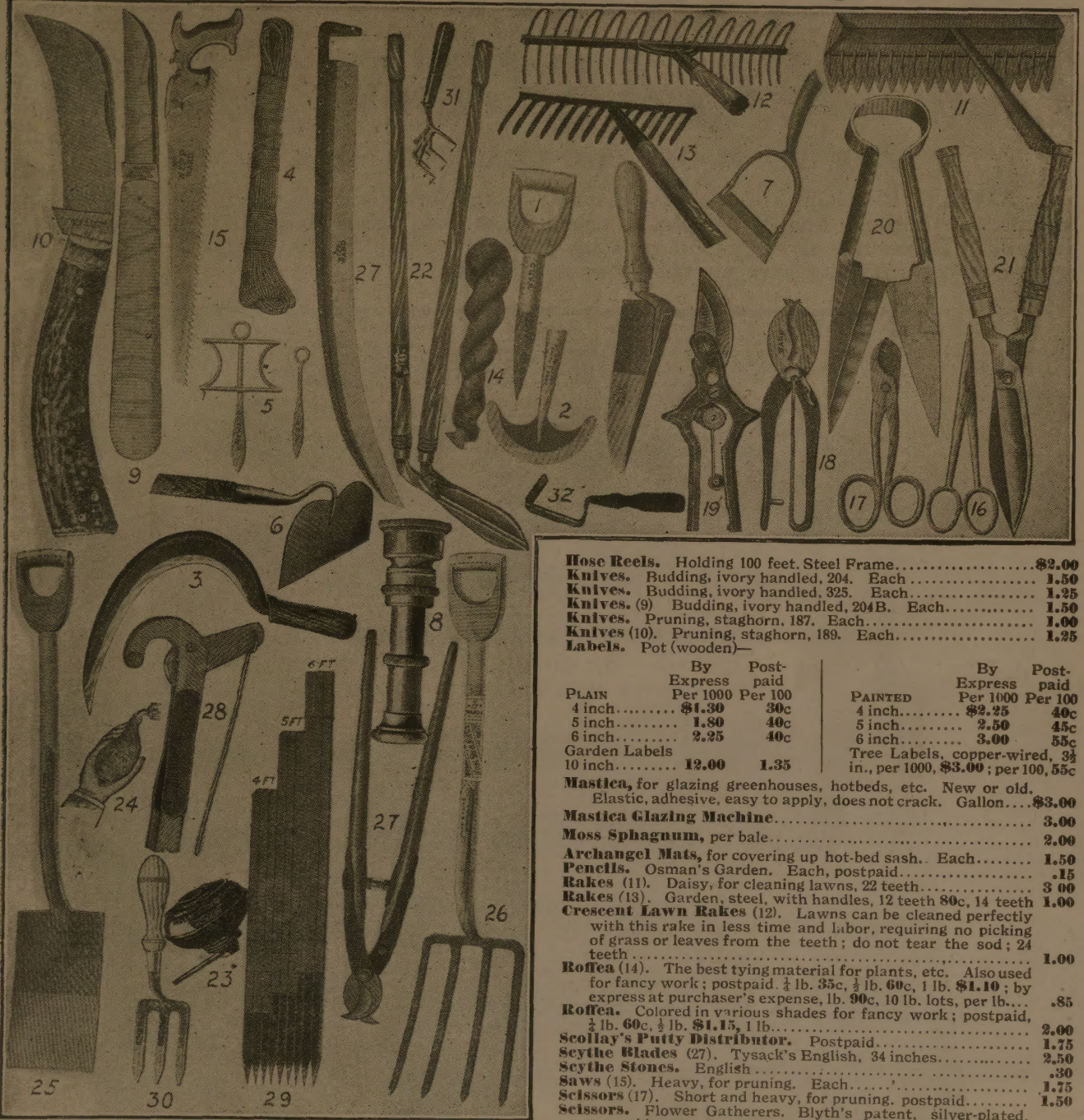


BLATCHFORD'S TOPPING-OFF MEAL OR "SUGAR AND FLAX SEED"

The manufacturers have heretofore called this "Blatchford's Sugar and Flax Seed," which name they have discarded, as they find it not thoroughly descriptive of the meal. Topping off Live Stock for the show-ring or sale is a term readily recognized, and that is exactly what "Blatchford's Topping-Off Meal" is for—Putting on the finishing touches. "Blatchford's Topping-Off Meal" is a scientific combination containing, among other highly nutritive elements, Flaxseed with all the oil left in, various Oil Meals and Locust Bean Meal; this latter puts the "coax" in: it has wonderful attraction for all animals. Nothing could be more healthful and is the only sweetener used.

20 lb. bag \$1.50; 50 lb. bag \$3.25; 100 bag \$6.00.

GARDEN AND FLORIST REQUISITES



The figures in brackets, thus (1) denote the number of article in the Cut.

Dibblers (1) for planting. Each, postpaid.....	\$0.75
Flower Gatherers. Each.....	1.25
Forks, English spading, diamond point. Each.....	2.75
Forks, English spading, chisel point. Each.....	2.75
Gloves. Gardener's (Men's) pair, postpaid.....	1.25
Glazier's Points. Peerless. Price per box of 1,000.....	1.00
By mail, postpaid.....	1.20
Grass Edging Knives (2). Crescent shaped, finest steel. 8-inch blade, round edge, with handle.....	1.75
Grass Hooks (3). Best imported. Each.....	.75
Grafting Wax. Postpaid, $\frac{1}{2}$ lb. 20c, $\frac{1}{4}$ lb. 40c, lb.....	.75
Garden Lines (4). Of the best material, extra heavy. 60 ft. postpaid, 40c, 90 ft., postpaid, 60c, 120 ft., postpaid.....	.90
Garden Reels (5). Iron, pl in, with stake.....	1.00
Hoes 7) Dutch Scuffle, English make. Each, 7 in, \$1.00, 8 in.....	1.25
Hoes, Garden (6). 6 inch. Each.....	.75
Hose, Rubber. In 50 feet lengths only, including coupling; best quality, per foot. 3 ply, 1 in., 35c, $\frac{1}{2}$ in., 30c, $\frac{1}{4}$ in.....	.25
Hose Nozzle (8). Graduating spray and stream, $\frac{1}{2}$ in. postpaid.....	1.00

Hose Reels. Holding 100 feet. Steel Frame.....	\$2.00
Knives. Budding, ivory handled, 204. Each.....	1.50
Knives. Budding, ivory handled, 325. Each.....	1.25
Knives (9) Budding, ivory handled, 204B. Each.....	1.50
Knives. Pruning, staghorn, 187. Each.....	1.00
Knives (10). Pruning, staghorn, 189. Each.....	1.25
Labels. Pot (wooden)—	

	By Express	Post-paid		By Express	Post-paid
PLAIN	Per 1000	Per 100	PAINTED	Per 1000	Per 100
4 inch.....	\$1.30	30c	4 inch.....	\$2.25	40c
5 inch.....	1.80	40c	5 inch.....	2.50	45c
6 inch.....	2.25	40c	6 inch.....	3.00	55c
Garden Labels			Tree Labels, copper-wired, $\frac{3}{4}$ in., per 1000, \$3.00; per 100, 55c		
10 inch.....	12.00	1.35			

Mastica, for glazing greenhouses, hotbeds, etc. New or old. Elastic, adhesive, easy to apply, does not crack. Gallon.....	\$3.00
Mastica Glazing Machine.	3.00
Moss Sphagnum, per bale.....	2.00
Archangel Mats, for covering up hot-bed sash. Each.....	1.50
Pencils. Osman's Garden. Each, postpaid.....	.15
Rakes (11). Daisy, for cleaning lawns, 22 teeth.....	3.00
Rakes (13). Garden, steel, with handles, 12 teeth 80c, 14 teeth.....	1.00
Crescent Lawn Rakes (12). Lawns can be cleaned perfectly with this rake in less time and labor, requiring no picking of grass or leaves from the teeth; do not tear the sod; 24 teeth.....	1.00
Roffea (14). The best tying material for plants, etc. Also used for fancy work; postpaid. $\frac{1}{2}$ lb. 35c, $\frac{1}{4}$ lb. 60c, 1 lb. \$1.10; by express at purchaser's expense, lb. 90c, 10 lb. lots, per lb., $\frac{1}{2}$ lb. 60c, $\frac{1}{4}$ lb. \$1.15, 1 lb.....	2.00
Scollay's Putty Distributor. Postpaid.....	1.75
Scythe Blades (27). Tysack's English, 34 inches.....	2.50
Scythe Stones. English.....	.30
Saws (15). Heavy, for pruning. Each.....	1.75
Scissors (17). Short and heavy, for pruning. postpaid.....	1.50
Scissors. Flower Gatherers. Blyth's patent, silver-plated, postpaid.....	1.50
Scissors (16). Grape Thinning, postpaid.....	1.50
Secateurs (19). Wheel spring, highly recommended, postpaid.....	1.75
Shears (21). Hedge or lawn, best imported.....	2.50
Shears (22). Border, long handles, 9 inch \$3.00; with wheel.....	3.25
Shears (20). Sheep, for trimming grass or edges and around flower beds. English. Each.....	1.25
Spades (25). English. Each.....	2.00
Sprinkler, Scollay's, postpaid \$1.50; angle neck, for spraying under leaves.....	1.75
Stakes, Garden, small round, painted green, per 100, 2 ft. 70c, 3 ft.....	1.50
Stakes (29). Dahlia, very strong, painted green, weather proof, Per doz., 4 ft., 75c, 5 ft., \$1.00, 6 ft.....	1.25
Trowels. English steel, 6 inch 35c, postpaid 45c; 7 inch 40c, postpaid.....	.75
Trowels. Primrose, solid steel. Each, postpaid.....	.25
Tree Scraper. For removing old bark on trees.....	.75
Tree Pruners (28). Waters', 6 ft. \$1.50, 8 ft. \$1.75, 10 ft.....	2.00
Extra Knives, each 40c.	
Weeders (30). Fork shaped, postpaid 35c, (32) Hazeltine's, 50c, postpaid 60c, (31) Clawshaped, postpaid, 35c, Dock Spud for lawns.....	.75

Forwarded per mail only where postpaid prices are quoted. All others by Express or Freight at Purchaser's expense. Prices subject to change without notice.

Steele, Briggs'

The Standard of Quality
for Forty-Six Years

FAMOUS GARDEN SEEDS

ARE SOLD BY ALL LEADING MERCHANTS

STEELE, BRIGGS' are the best grown. No matter what you need in Seeds, this name stands for highest quality. Behind every packet is the strongest seed reputation in Canada. Thousands of successful growers everywhere use Steele, Briggs' Seeds year after year because they are sure of what they are buying.



Dealers everywhere in Canada are supplied each season with fresh packets of Steele, Briggs' Seeds. All are tested for germination before shipment, and the year of output is stamped on each packet. It doesn't cost much to say Steele, Briggs' Seeds, but it means a lot when you get them.

Whenever the Name **STEELE, BRIGGS SEED COMPANY** LIMITED

Is on the Packet, the Seed Inside is Sure to be Good.

STEELE, BRIGGS'

"Queen City" Lawn Grass

Specially selected and analyzed for Purity and of the highest germination. Suited for our Canadian Climate, and will produce a fine green sward in ten weeks from seed

We pride ourselves on our "Queen City" Grass mixture. By comparative trials, we have found it to be unsurpassed for first class permanent results. This is due to the fact, that we have used only the very finest varieties of the most suitable grasses obtainable.

Of the two ways of making a lawn, seeding is not only much more effective but cheaper than sodding. In selecting the seed for "Queen City" Lawn Grass, the greatest care has been taken to obtain a proper mixture of the varieties, for this reason. The careful choice of early, medium and late grasses at their best during different periods of the season, and their scientific blending assures a smooth, even, green lawn from early spring to late autumn.

Our long experience has given us an intimate knowledge of grasses, their habits and requirements. In "Queen City" Lawn Grass Seed are included only the best varieties—pure, clean seeds. Strangers visiting Toronto frequently comment upon the beauty of its lawns, both in the public parks and about the homes of the residents. Our Lawn Grass Seed is used very extensively not only in our own city, but in all parts of the Dominion, and the demand for it is increasing every year. It is also used for tennis courts, croquet lawns, in parks, cemeteries and private grounds with unvarying success. Not only is "Queen City" Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn out areas.

"Queen City." For making new lawns use 80 to 100 lbs. per acre. For renovating old lawns, 25 to 30 lbs. per acre. For a plot 300 square feet, one pound is required for a new lawn, and one-half pound for renovation. Price, Lb. 45c, postpaid 55c; 10 lb. lot 35c per lb., postpaid 45c lb.

Special prices for large quantities on application.



Steele, Briggs' "Shady Nook" Lawn Grass

"Shady Nook" Lawn Grass, composed of dwarf-growing varieties found in a natural state in just such places, will form a fine green sward. Lb. 50c, postpaid 60c. Special quotations for large lots.

Some lawns have bare and unsightly spots under trees and in shady places, where no amount of sodding or seeding will grow grass.

Steele, Briggs' "Golf Link" Grass Mixture

A mixture of short-growing grasses that will stand the necessary wear and tear. Special mixtures are made up to suit the grounds and soil to be seeded. Lb. 35c, postpaid 45c. Special quotations for large lots.

A mixture of short-growing grasses that will stand the necessary wear and tear. Special mixtures are made up to suit the grounds and soil to be seeded. Lb. 35c, postpaid 45c. Special quotations for large lots.

Steele, Briggs' Putting Green Mixture

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered for this purpose. The varieties comprising this mixture are all low growing, fine-bladed and most hardy kinds that maintain their rich green color throughout the season. Lb. 45c, postpaid 55c; 10 lbs. 40c per lb., postpaid 50c per lb. Special prices for large quantities.

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered for this purpose. The varieties comprising this mixture are all low growing, fine-bladed and most hardy kinds that maintain their rich green color throughout the season. Lb. 45c, postpaid 55c; 10 lbs. 40c per lb., postpaid 50c per lb. Special prices for large quantities.

STEELE, BRIGGS' WHITE CLOVER FOR LAWNS

This is the dwarf-growing clover used for lawns in many places. The color is dark green, the leaves are small and close together, making a desirable lawn. The chief advantage, however, is that White Clover roots deeply and so requires less care and water and still looks well. Care is required in buying White Clover, as it is frequently mixed with other seeds which spoil it for a lawn. Pure White Clover is usually scarce and high in price. Our stock has been specially selected for lawn purposes. "Fancy" (postpaid 1/2 lb. 50c, 1 lb. 90c). "Choice" (postpaid 1 lb. 80c); 10 lbs. for \$6.50, by freight or express at purchaser's expense.

Bulb Catalogue

A Catalogue of Bulbs for Autumn Planting and for Winter Flowering in the house, will be forwarded to customers who purchased Bulbs or Seeds the past season, and to others who ask for it. Ready about September.

FOUR BIG MONEY MAKERS

THE MOST PROFITABLE
CROPS TO GROW

DWARF ESSEX SOWING RAPE

STEELE, BRIGGS'
GIANT YELLOW OVAL
OR
INTERMEDIATE
MANGEL

STEELE, BRIGGS'
SELECTED PURPLE TOP
SWEDE TURNIP

EARLY DENT
FODDER CORN

STEELE, BRIGGS SEED CO., LIMITED
HAMILTON — TORONTO — WINNIPEG